

FIG. 1

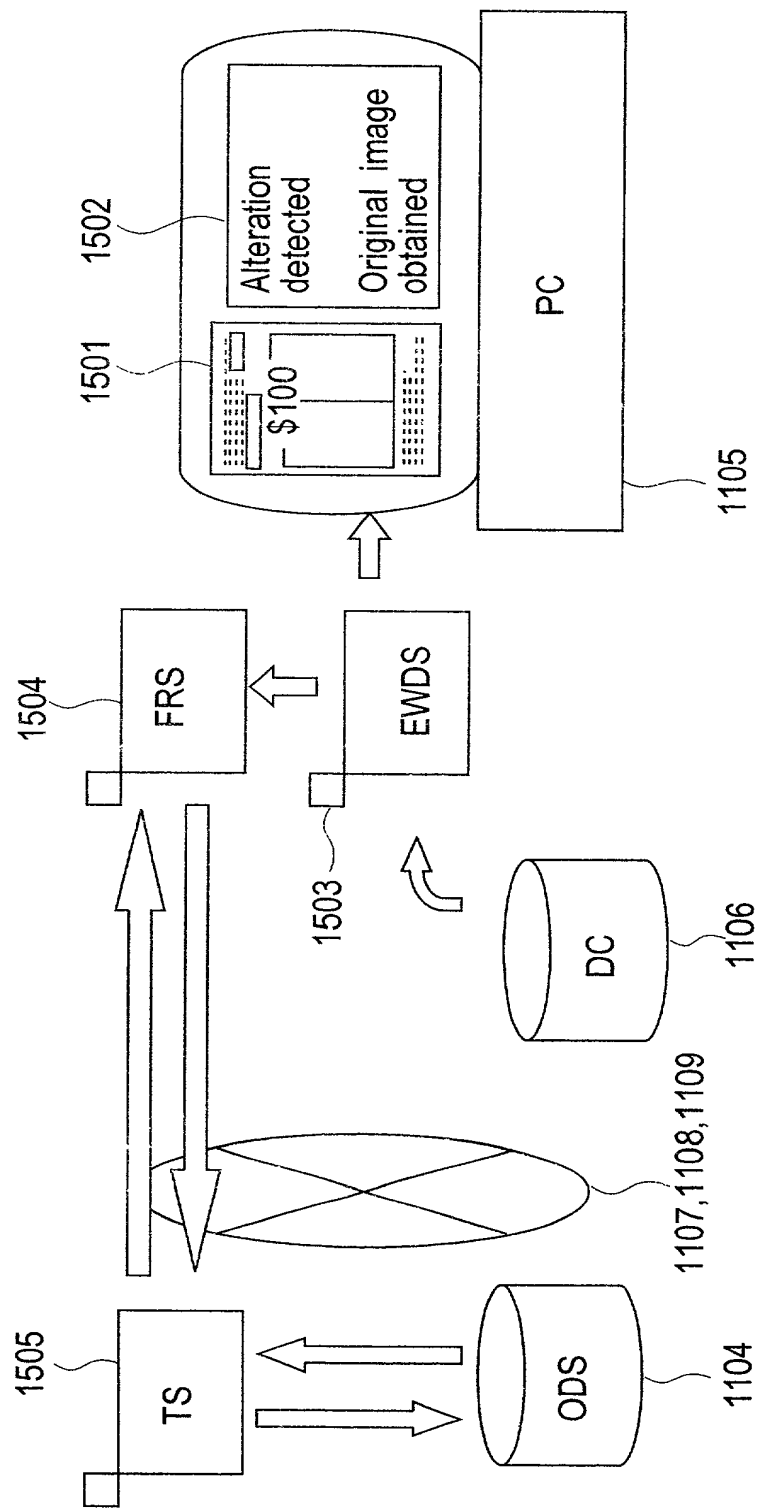


FIG. 2

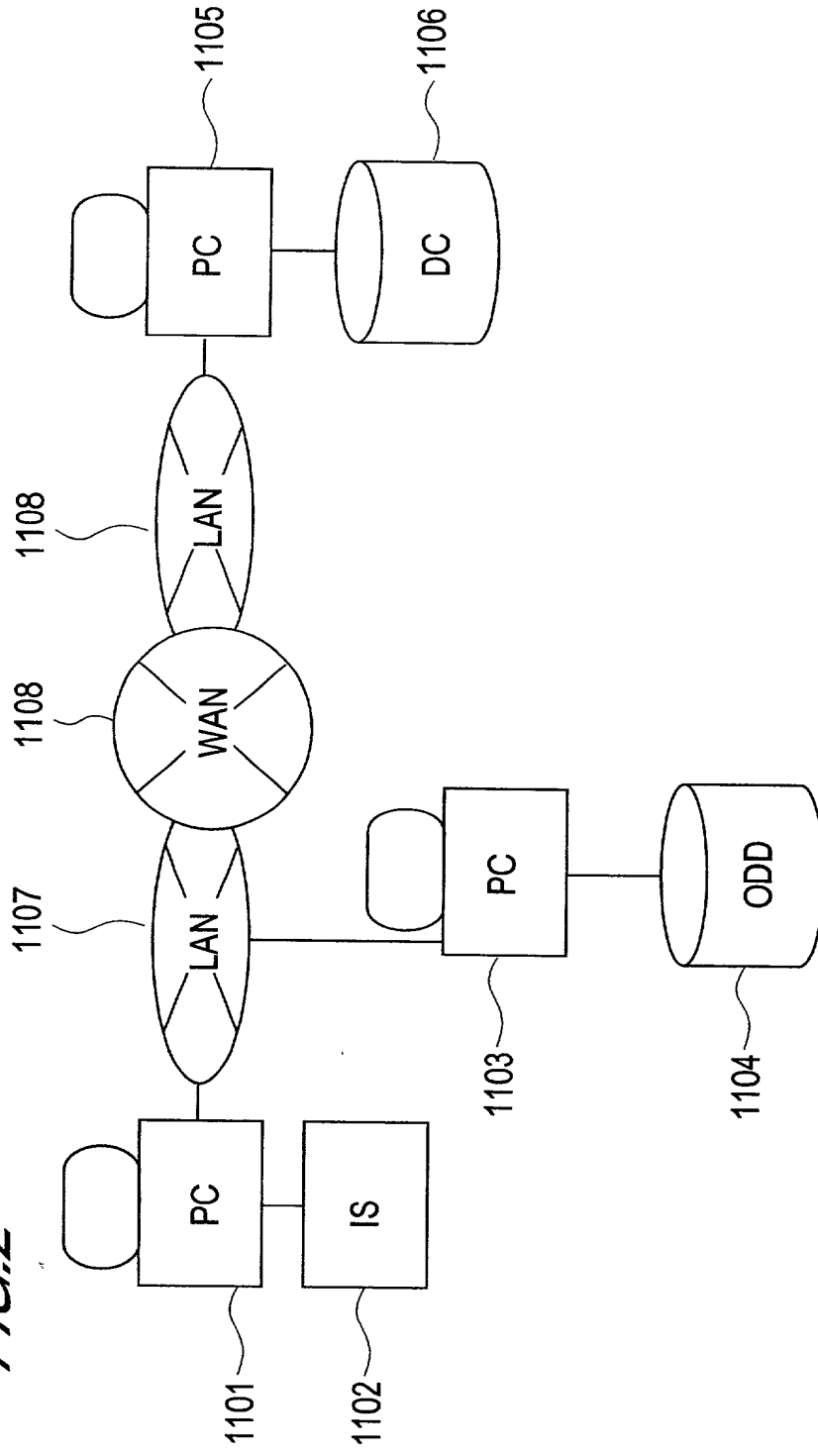


FIG. 3

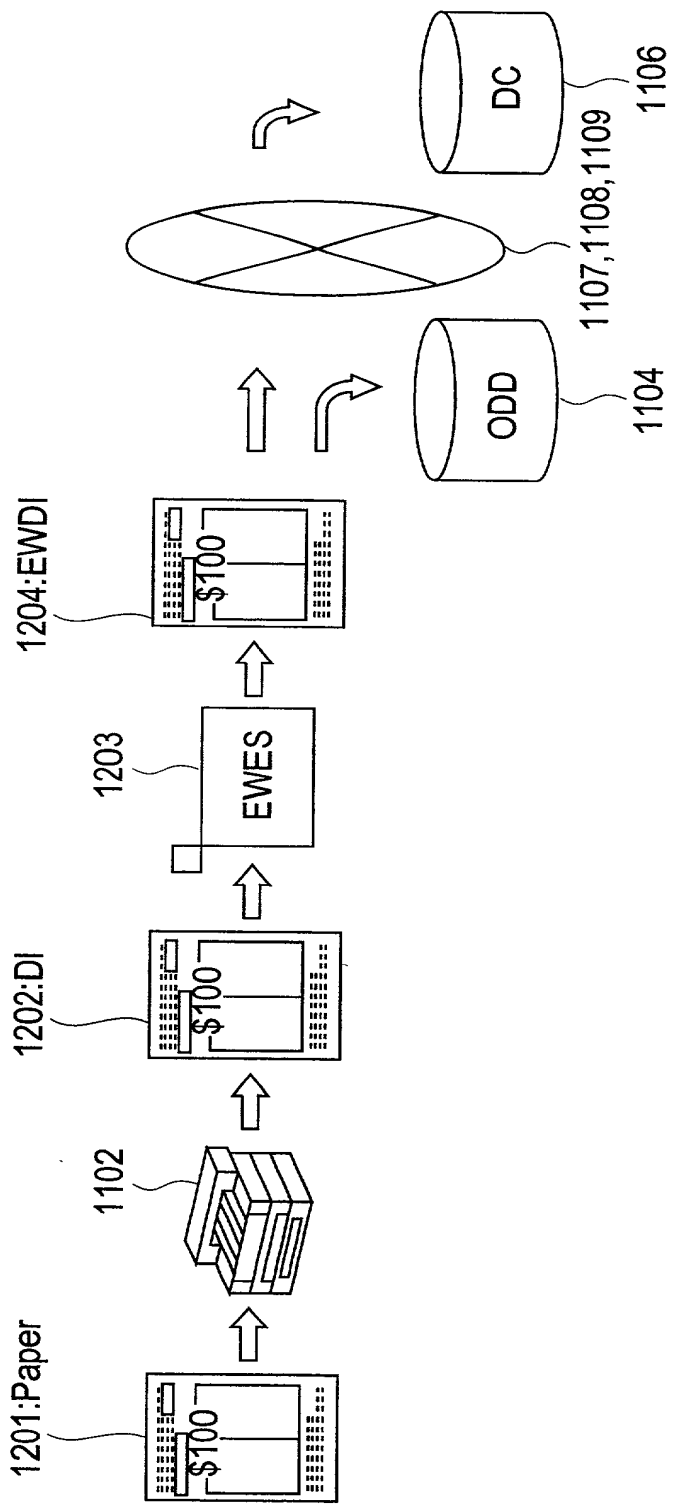


FIG. 4

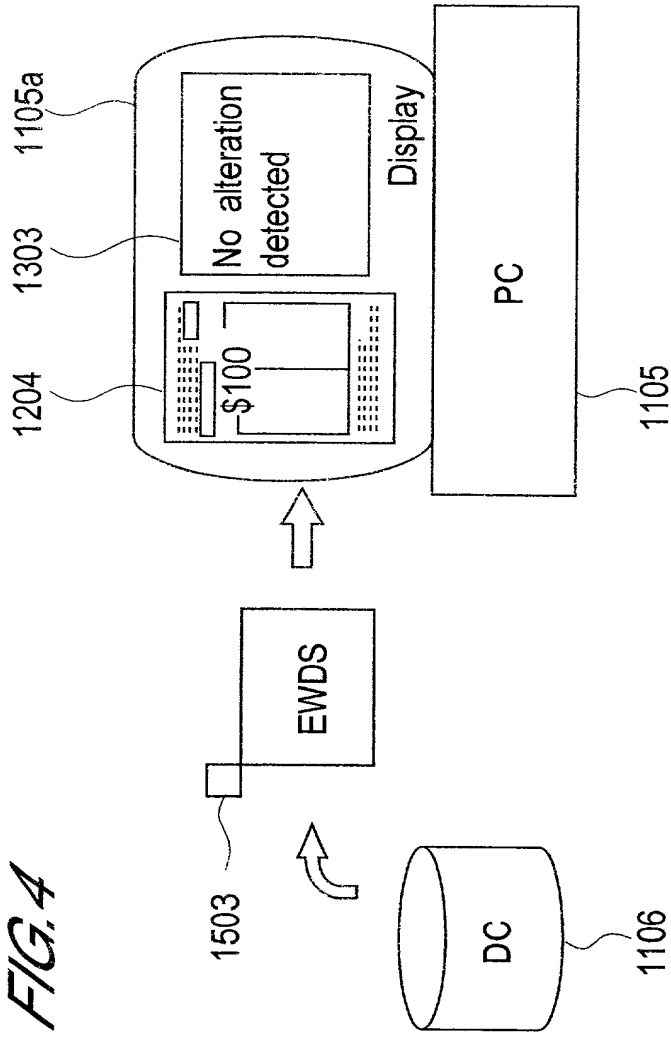
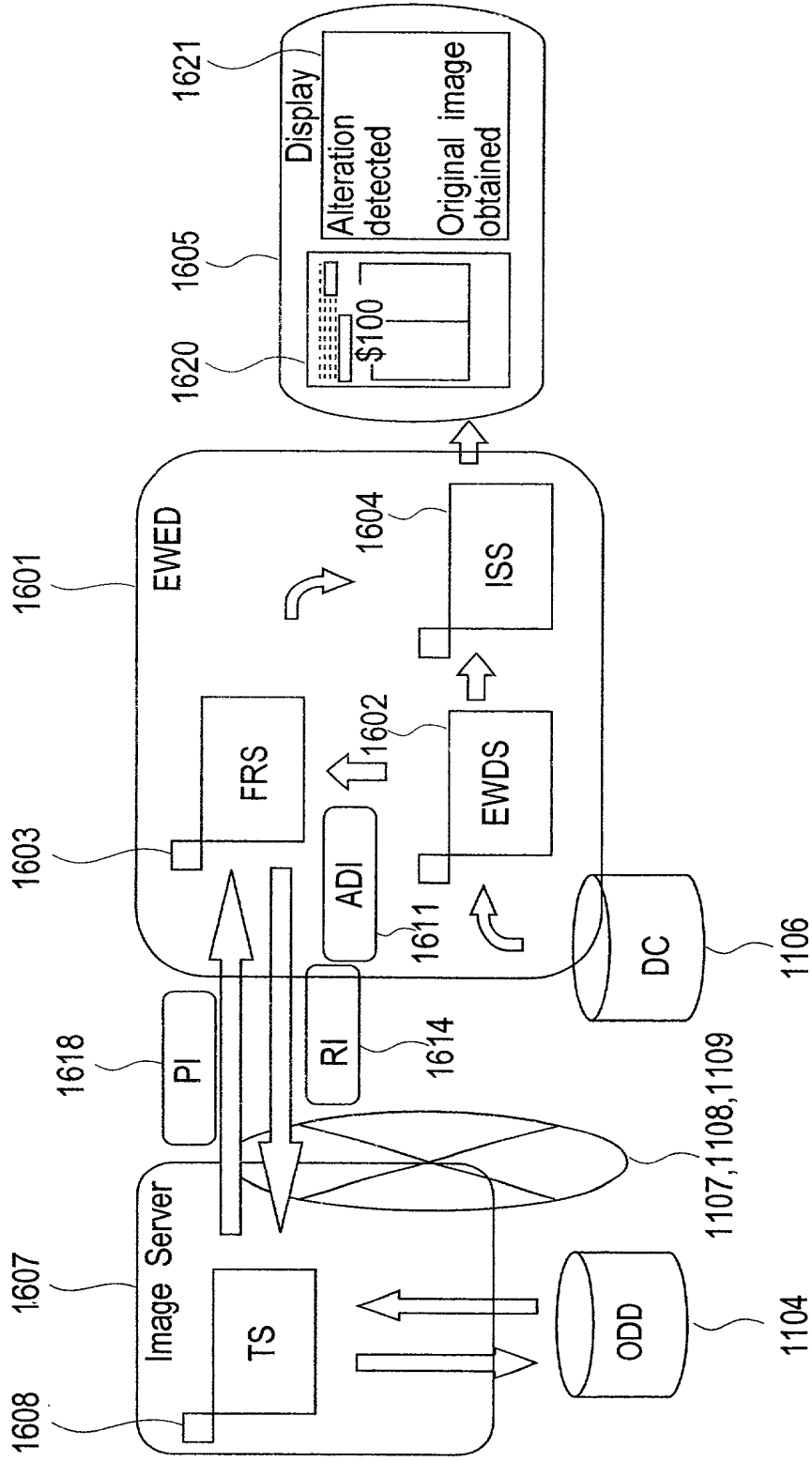


FIG. 5



| Parameter | Value | Unit | Source |
|-------------|-------|--------------------|---------|
| α | 0.001 | cm ² /s | Table 1 |
| β | 0.001 | cm ² /s | Table 1 |
| γ | 0.001 | cm ² /s | Table 1 |
| δ | 0.001 | cm ² /s | Table 1 |
| ϵ | 0.001 | cm ² /s | Table 1 |
| ζ | 0.001 | cm ² /s | Table 1 |
| η | 0.001 | cm ² /s | Table 1 |
| θ | 0.001 | cm ² /s | Table 1 |
| ι | 0.001 | cm ² /s | Table 1 |
| κ | 0.001 | cm ² /s | Table 1 |
| λ | 0.001 | cm ² /s | Table 1 |
| μ | 0.001 | cm ² /s | Table 1 |
| ν | 0.001 | cm ² /s | Table 1 |
| ξ | 0.001 | cm ² /s | Table 1 |
| \omicron | 0.001 | cm ² /s | Table 1 |
| π | 0.001 | cm ² /s | Table 1 |
| ρ | 0.001 | cm ² /s | Table 1 |
| σ | 0.001 | cm ² /s | Table 1 |
| τ | 0.001 | cm ² /s | Table 1 |
| υ | 0.001 | cm ² /s | Table 1 |
| ϕ | 0.001 | cm ² /s | Table 1 |
| χ | 0.001 | cm ² /s | Table 1 |
| ψ | 0.001 | cm ² /s | Table 1 |
| ω | 0.001 | cm ² /s | Table 1 |
| φ | 0.001 | cm ² /s | Table 1 |
| ϑ | 0.001 | cm ² /s | Table 1 |
| ϖ | 0.001 | cm ² /s | Table 1 |
| ς | 0.001 | cm ² /s | Table 1 |
| η | 0.001 | cm ² /s | Table 1 |
| θ | 0.001 | cm ² /s | Table 1 |
| ι | 0.001 | cm ² /s | Table 1 |
| κ | 0.001 | cm ² /s | Table 1 |
| λ | 0.001 | cm ² /s | Table 1 |
| μ | 0.001 | cm ² /s | Table 1 |
| ν | 0.001 | cm ² /s | Table 1 |
| ξ | 0.001 | cm ² /s | Table 1 |
| \omicron | 0.001 | cm ² /s | Table 1 |
| π | 0.001 | cm ² /s | Table 1 |
| ρ | 0.001 | cm ² /s | Table 1 |
| σ | 0.001 | cm ² /s | Table 1 |
| τ | 0.001 | cm ² /s | Table 1 |
| υ | 0.001 | cm ² /s | Table 1 |
| ϕ | 0.001 | cm ² /s | Table 1 |
| χ | 0.001 | cm ² /s | Table 1 |
| ψ | 0.001 | cm ² /s | Table 1 |
| ω | 0.001 | cm ² /s | Table 1 |
| φ | 0.001 | cm ² /s | Table 1 |
| ϑ | 0.001 | cm ² /s | Table 1 |
| ϖ | 0.001 | cm ² /s | Table 1 |
| ς | 0.001 | cm ² /s | Table 1 |
| η | 0.001 | cm ² /s | Table 1 |
| θ | 0.001 | cm ² /s | Table 1 |
| ι | 0.001 | cm ² /s | Table 1 |
| κ | 0.001 | cm ² /s | Table 1 |
| λ | 0.001 | cm ² /s | Table 1 |
| μ | 0.001 | cm ² /s | Table 1 |
| ν | 0.001 | cm ² /s | Table 1 |
| ξ | 0.001 | cm ² /s | Table 1 |
| \omicron | 0.001 | cm ² /s | Table 1 |
| π | 0.001 | cm ² /s | Table 1 |
| ρ | 0.001 | cm ² /s | Table 1 |
| σ | 0.001 | cm ² /s | Table 1 |
| τ | 0.001 | cm ² /s | Table 1 |
| υ | 0.001 | cm ² /s | Table 1 |
| ϕ | 0.001 | cm ² /s | Table 1 |
| χ | 0.001 | cm ² /s | Table 1 |
| ψ | 0.001 | cm ² /s | Table 1 |
| ω | 0.001 | cm ² /s | Table 1 |
| φ | 0.001 | cm ² /s | Table 1 |
| ϑ | 0.001 | cm ² /s | Table 1 |
| ϖ | 0.001 | cm ² /s | Table 1 |
| ς | 0.001 | cm ² /s | Table 1 |
| η | 0.001 | cm ² /s | Table 1 |
| θ | 0.001 | cm ² /s | Table 1 |
| ι | 0.001 | cm ² /s | Table 1 |
| κ | 0.001 | cm ² /s | Table 1 |

5

1610

FIG. 7

| | |
|--------------------------------------|------------------------|
| File Name | Image001.bmp |
| Alteration Detection Block Number | (8,4)(9,4)(10,4)(11,4) |

FIG. 8

| | |
|-------------------------|------------------------|
| File Name | Image001.bmp |
| Request Block Number | (8,4)(9,4)(10,4)(11,4) |

[illegible]

3

-1617

5

| | | | | | |
|--|--------------------|---------------------------------------|------------------|--|------|
| | | Date | January 31, 1999 | | |
| | | Authentication number | 0123456789 | | |
| | Name | YAMADA TARO | | | 1618 |
| | Name | YAMADA TARO | | | |
| | Gender | Male | | | |
| | Date of Birth | January 1, Showa 35 | | | 1619 |
| | Address | Tokyo-to, Tokyo-shi, Tokyo-machi 1-15 | | | |
| | Address | Tokyo-to, Tokyo-shi, Tokyo-machi 1-15 | | | |
| | Telephone number | 0123-45-6789 | | | |
| | Ailment | Cold | | | |
| | Start of treatment | January 10, Showa 64 | | | |
| | Amount | 10000 Yen | | | |
| | Remarks | | | | |

FIG. 11

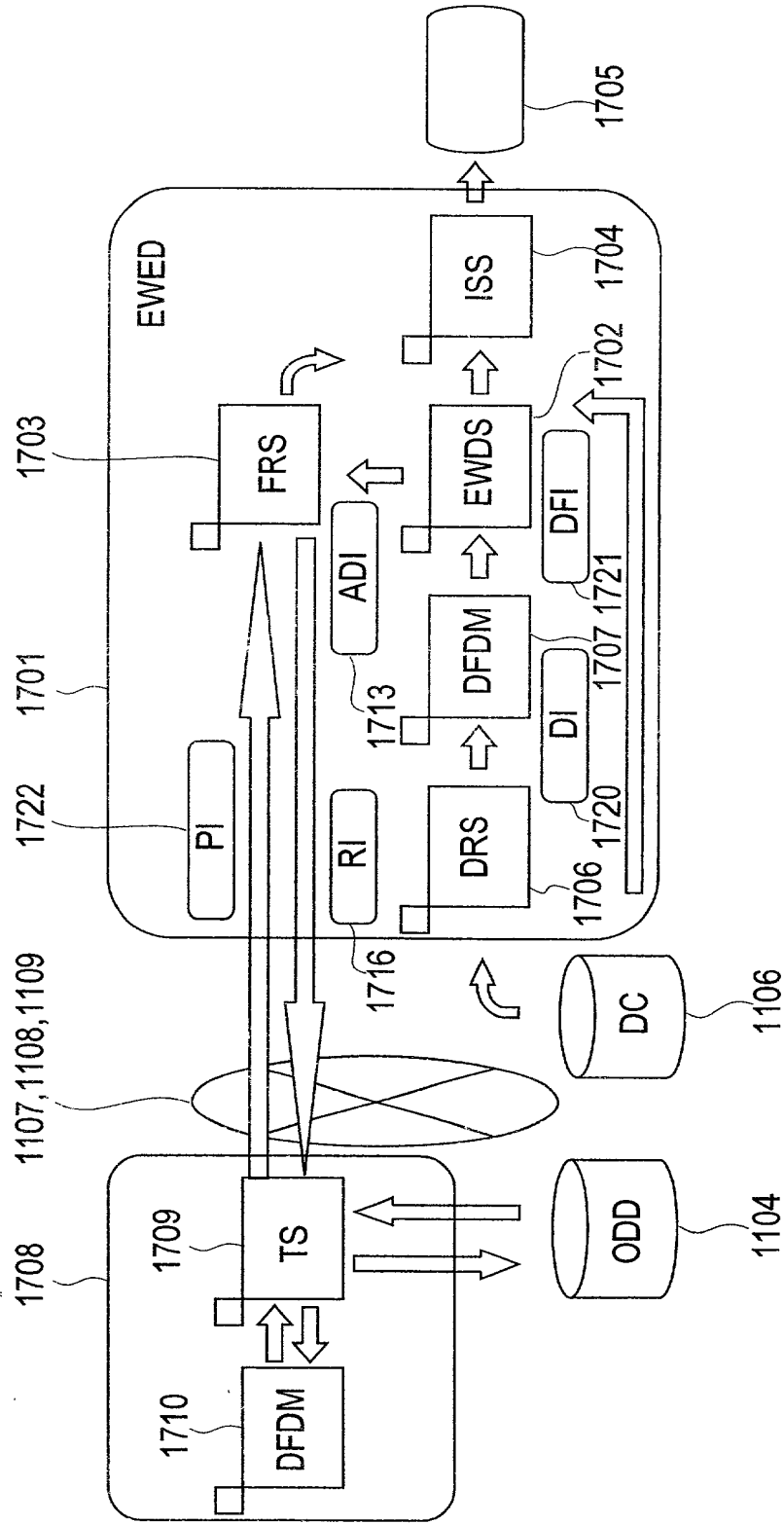


FIG. 12

1711

| | | | |
|-----------------------|---------------------------------------|--|------|
| Date | January 31, 1999 | | 1712 |
| Authentication number | 0123456789 | | 1712 |
| Name | YAMADA TARO | | 1712 |
| | YAMADA TARO | | 1712 |
| Gender | Male | | 712 |
| Date of Birth | January 1, Showa 35 | | 1712 |
| Address | Tokyo-to, Tokyo-shi, Tokyo-machi 1-15 | | 1712 |
| | Tokyo-to, Tokyo-shi, Tokyo-machi 1-15 | | 1712 |
| Telephone number | 0123-45-6789 | | 1712 |
| Ailment | Cold | | 1712 |
| Start of treatment | January 10, Showa 64 | | 1712 |
| Amount | 10000 Yen | | 1712 |
| Remarks | | | |
| | | | |

FIG. 13

| | |
|----------|----------------------------------|
| Region 1 | $X_{11}, Y_{11}, X_{21}, Y_{21}$ |
| Region 2 | $X_{12}, Y_{12}, X_{22}, Y_{22}$ |
| \vdots | \vdots |
| Region n | $X_{1n}, Y_{1n}, X_{2n}, Y_{2n}$ |

FIG. 14

| | |
|----------------------------------|---------------|
| File Name | Image 001.bmp |
| Alteration Detection Text Region | Region2 |

1713

1714

1715

FIG. 15

| | |
|----------------------------|---------------|
| File Name | Image 001.bmp |
| Request Text Region Number | Region2 |

1716

1717

1718

FIG. 16

| | | | |
|-----------------------|------------------------------------|--|--|
| Date | January31,1999 | | |
| Authentication number | 0123456789 | | |
| Name | YAMADA TARO | | |
| | YAMADA TARO | | |
| Gender | Male | | |
| Date of Birth | January1,Showa35 | | |
| Address | Tokyo-to,Tokyo-shi,Tokyo-machi1-15 | | |
| | Tokyo-to,Tokyo-shi,Tokyo-machi1-15 | | |
| Telephone number | 0123-45-6789 | | |
| Ailment | Cold | | |
| Start of treatment | January10,Showa64 | | |
| Amount | 10000Yen | | |
| Remarks | | | |
| | | | |

1712a

FIG. 17

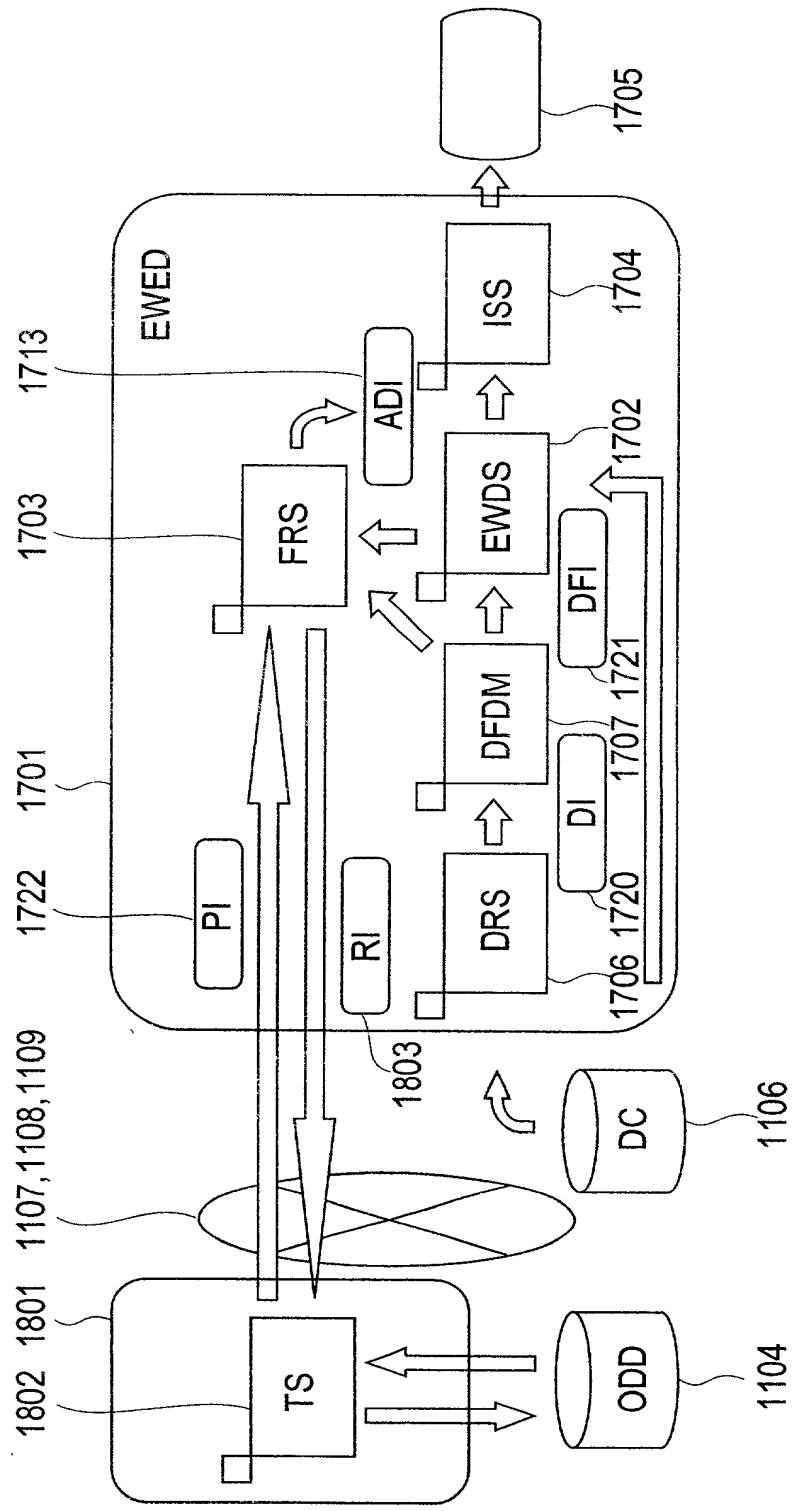


FIG. 18

| | |
|----------------------------|--|
| File Name | Image 001.bmp |
| Request Text Region Number | X ₁₂ ,Y ₁₂ ,X ₂₂ ,Y ₂₂ |

1803

1804

1805

FIG. 19

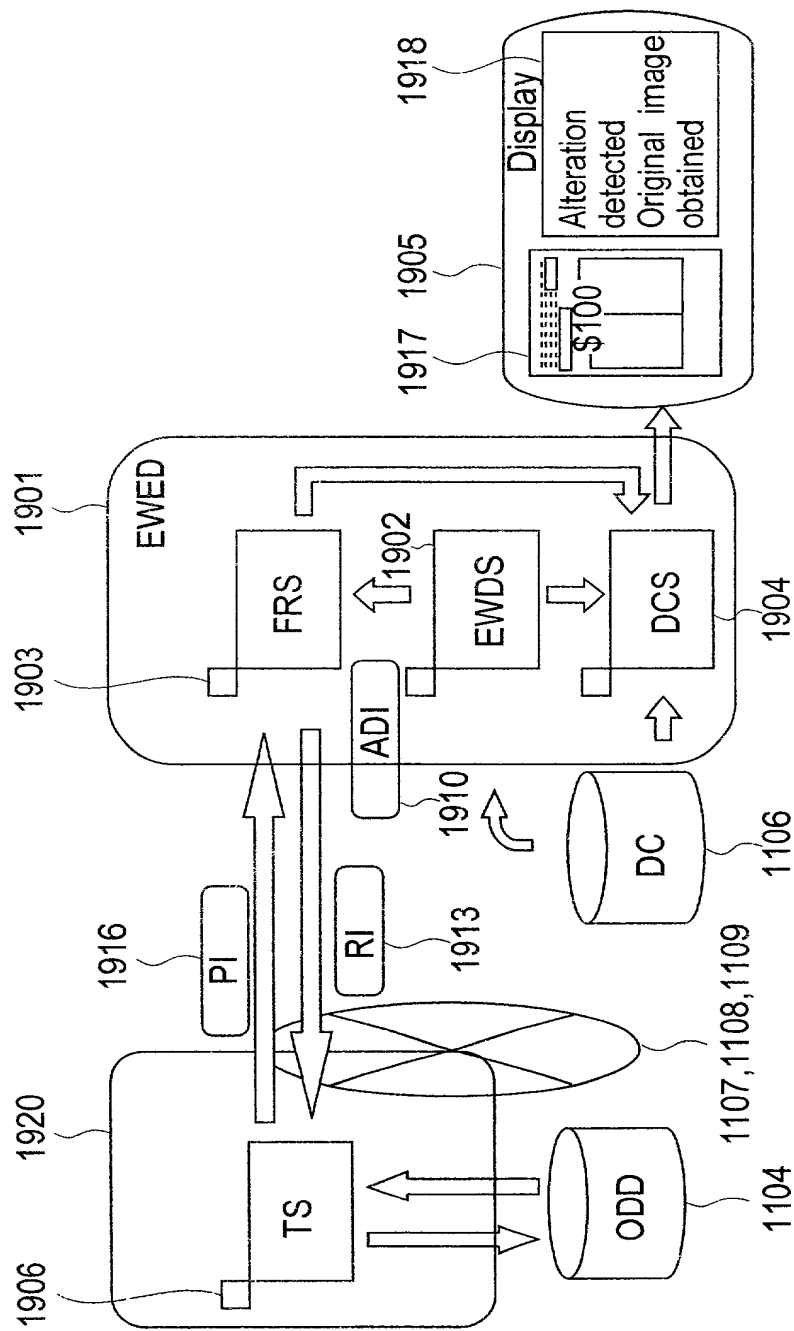


FIG. 20

| 1908 | |
|-----------------------|---------------------------------------|
| Date | |
| Authentication number | January 31, 1999 |
| Name | 0123456789 |
| Gender | YAMADA TARO |
| Date of Birth | YAMADA TARO |
| Address | Male |
| Telephone number | January 1, Showa 35 |
| Ailment | Tokyo-to, Tokyo-shi, Tokyo-machi 1-15 |
| Start of treatment | Tokyo-to, Tokyo-shi, Tokyo-machi 1-15 |
| Amount | 0123-45-6789 |
| Remarks | Cold |
| | January 10, Showa 64 |
| | 10000 Yen |

FIG. 21

1909



```
<?xml version="1.0"encoding="Shift_JIS"?>
<Pages>
  <Page>1<Background> ¥ Image ¥ Image113</Background>
    <Regions>
      <Regions X="X11" Y="Y11" Width="X12 Height="Y12"> ¥ Image ¥ Image101</Region>
      <Regions X="X21" Y="Y21" Width="X22 Height="Y22"> ¥ Image ¥ Image102</Region>
      <Regions X="X31" Y="Y31" Width="X32 Height="Y32"> ¥ Image ¥ Image103</Region>
    </Regions>
    <Region X="X121" Y="Y121" Width="X122 Height="Y122"> ¥ Image ¥ Image112</Region>
  </Page>
</Pages>
```

FIG.22

| | |
|--|------------------------|
| File Name | Image1.xml |
| Alteration Detection Image Information | ≡ Image ≡ Image102.bmp |

FIG.23

| | |
|-----------------------------|------------------------|
| File Name | Image1.xml |
| Request Image Region Number | ≡ Image ≡ Image102.bmp |

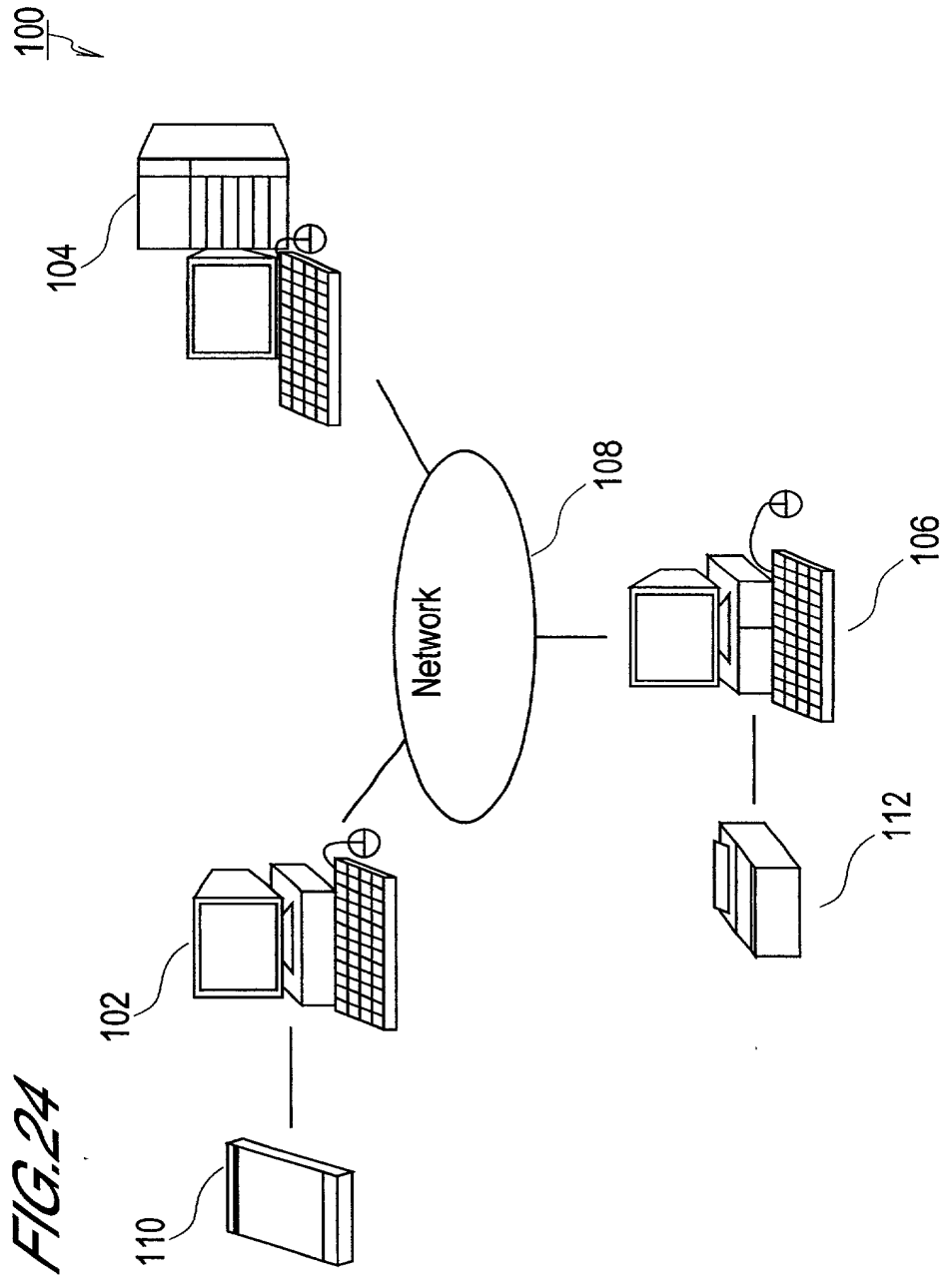


FIG.25

120

Receipt June 30, 2000

○×Electric Co.

Amount : 65000Yen

Note: For food supplies

Kappou Ryori SATO

FIG.26

```
<Data>
  <Keyword>
    <Category>Receipt</Category>
    <Date>20000630</Date>
    <Madeby>YAMADA TARO</Madeby>
  </Keyword>
  <Image ref="#Image/Image.jpg"/>
</Data>
```

122

FIG.27

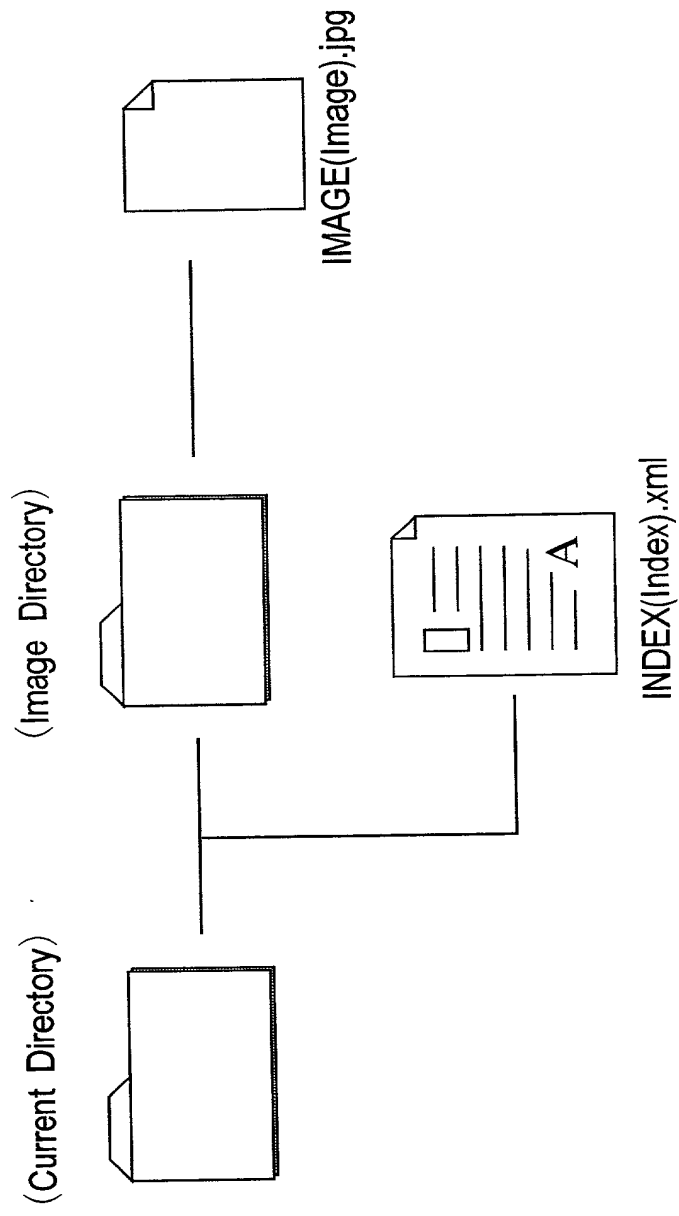


FIG.28

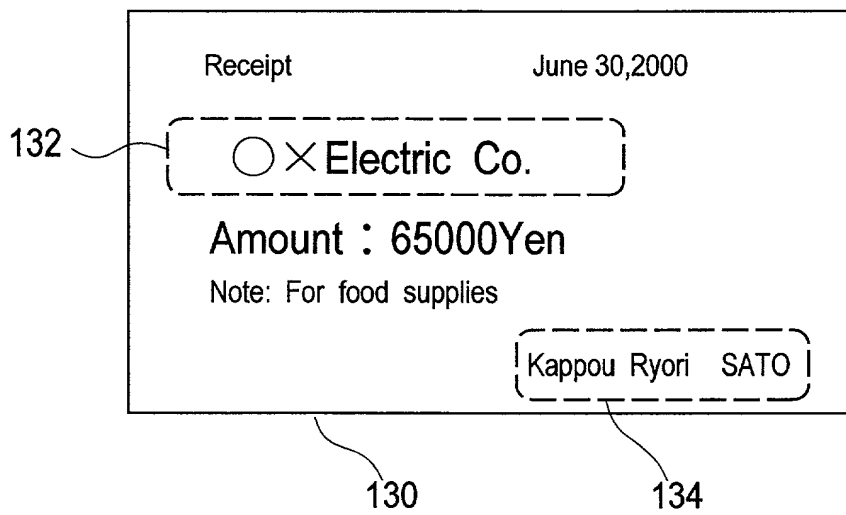
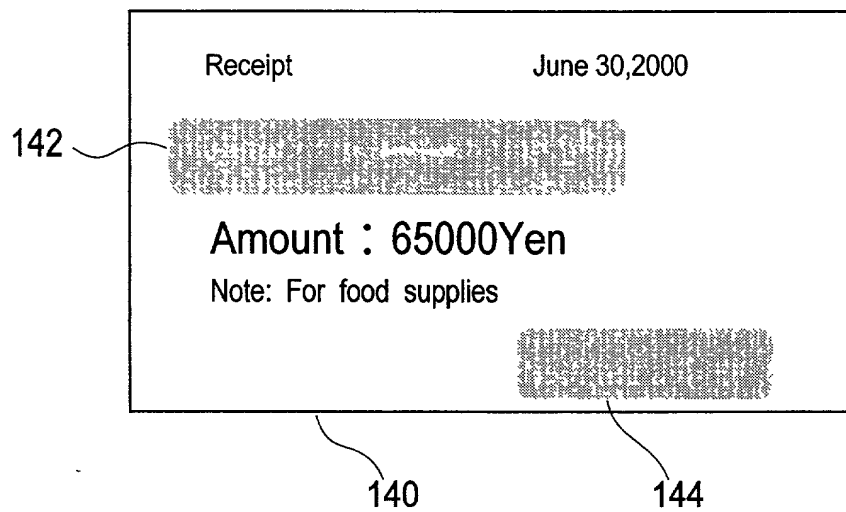
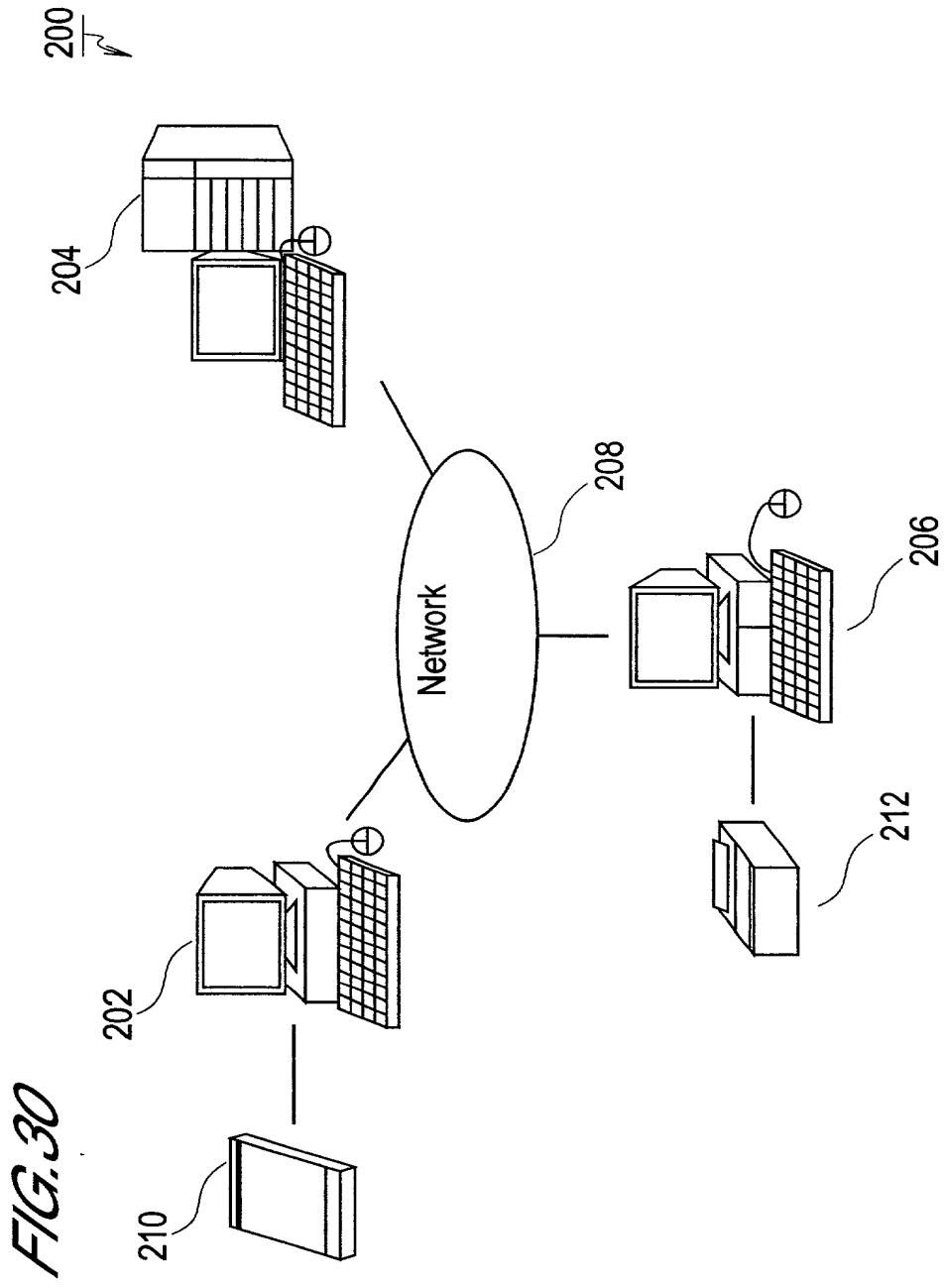


FIG.29





200:Document Management System

FIG. 31

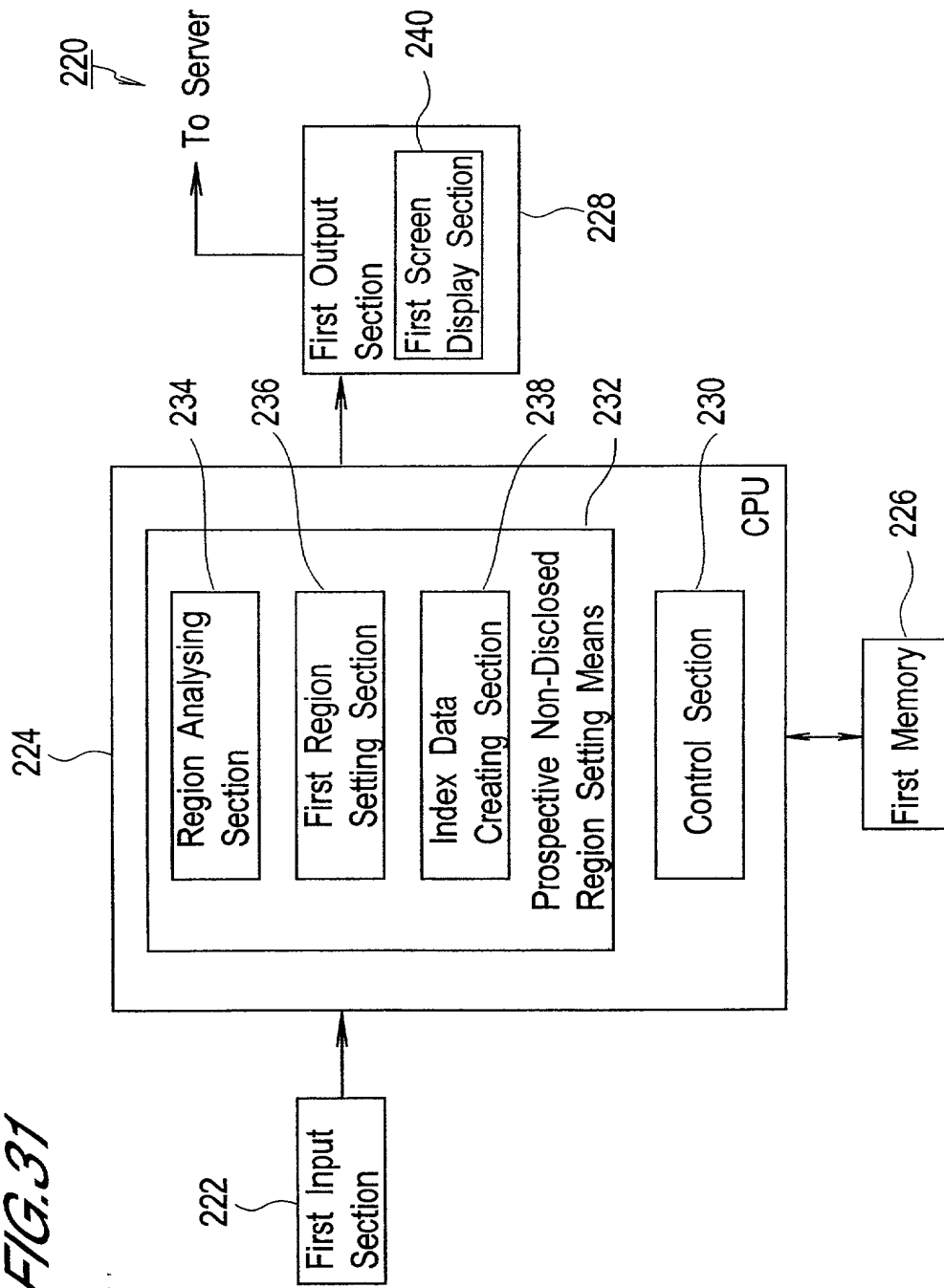


FIG. 32

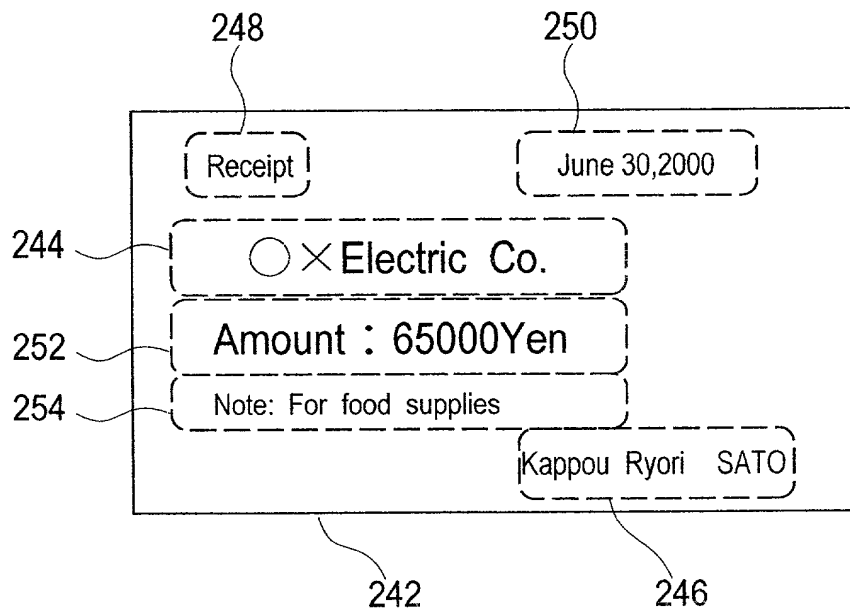


FIG. 33

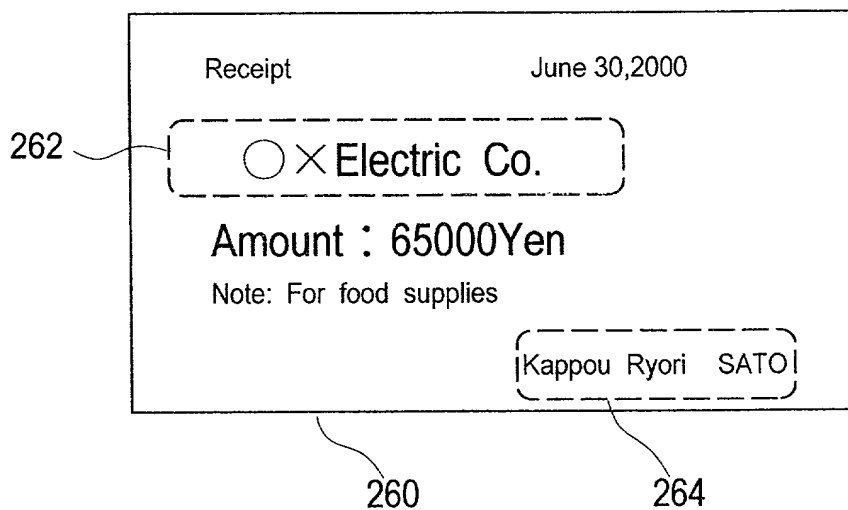


FIG. 34

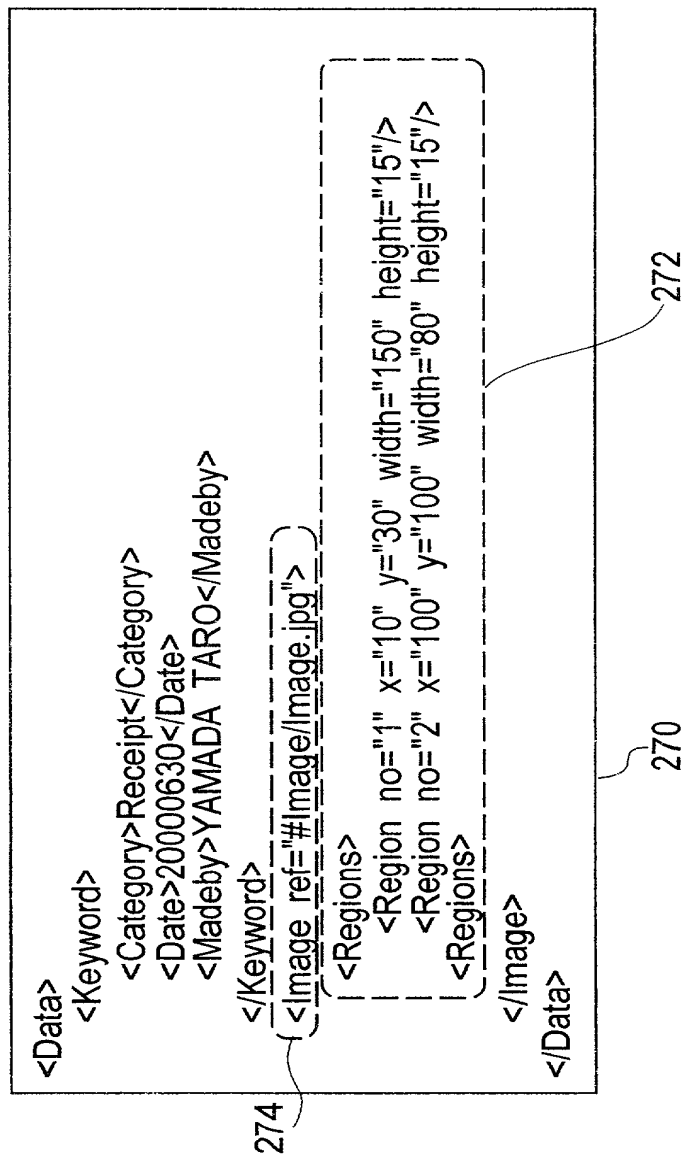


FIG. 35

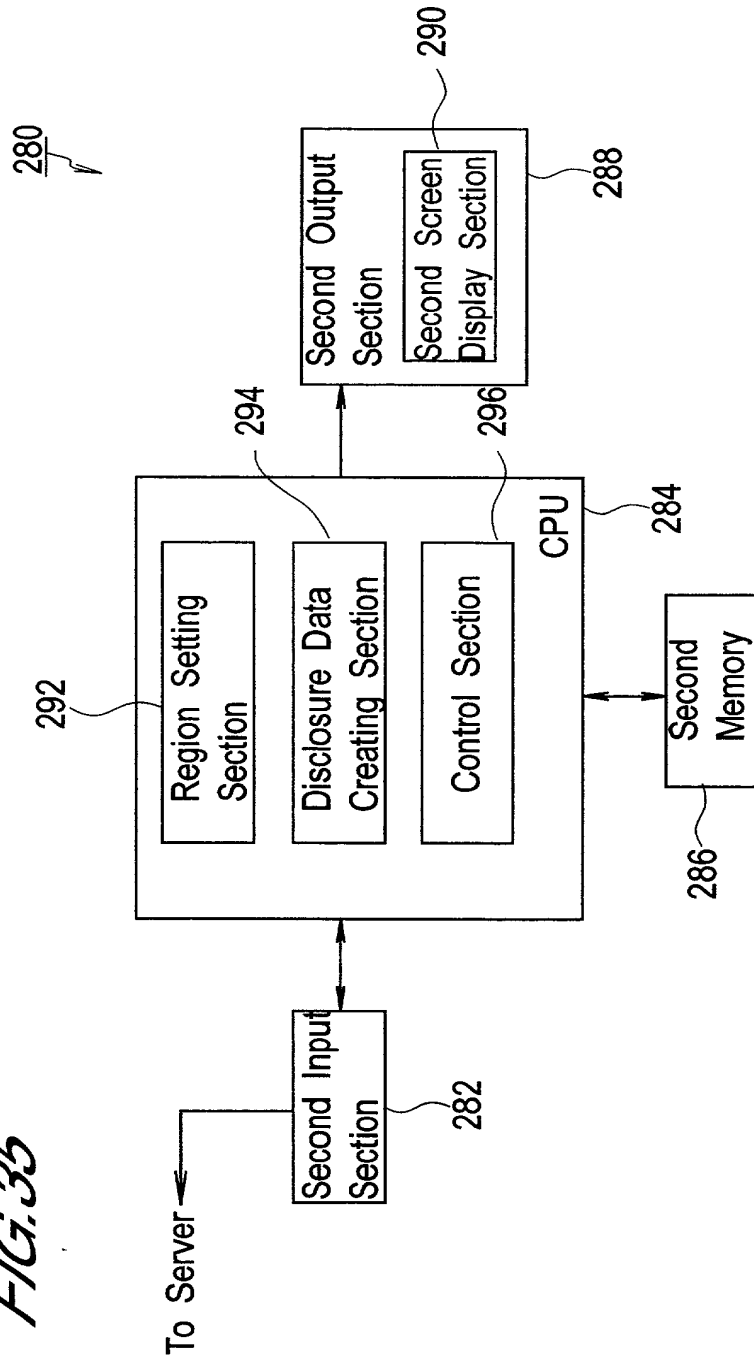


FIG. 36

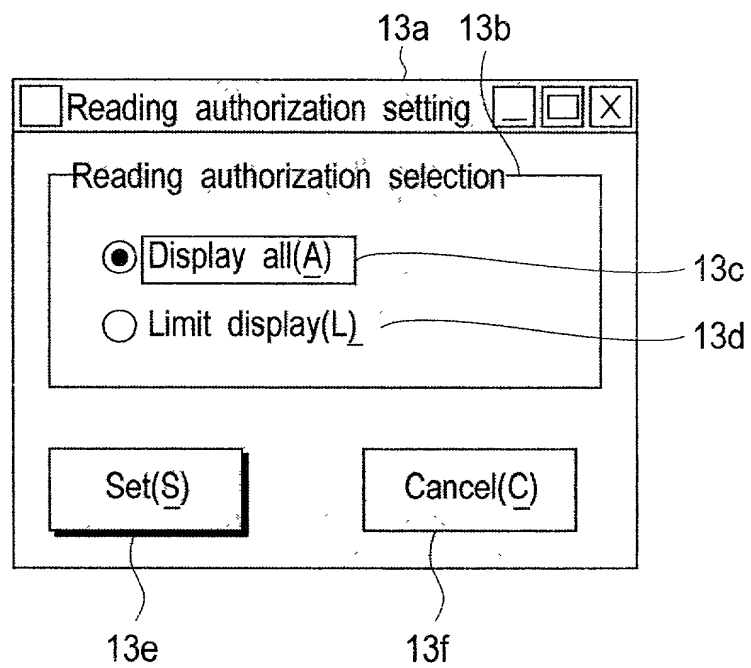


FIG. 37

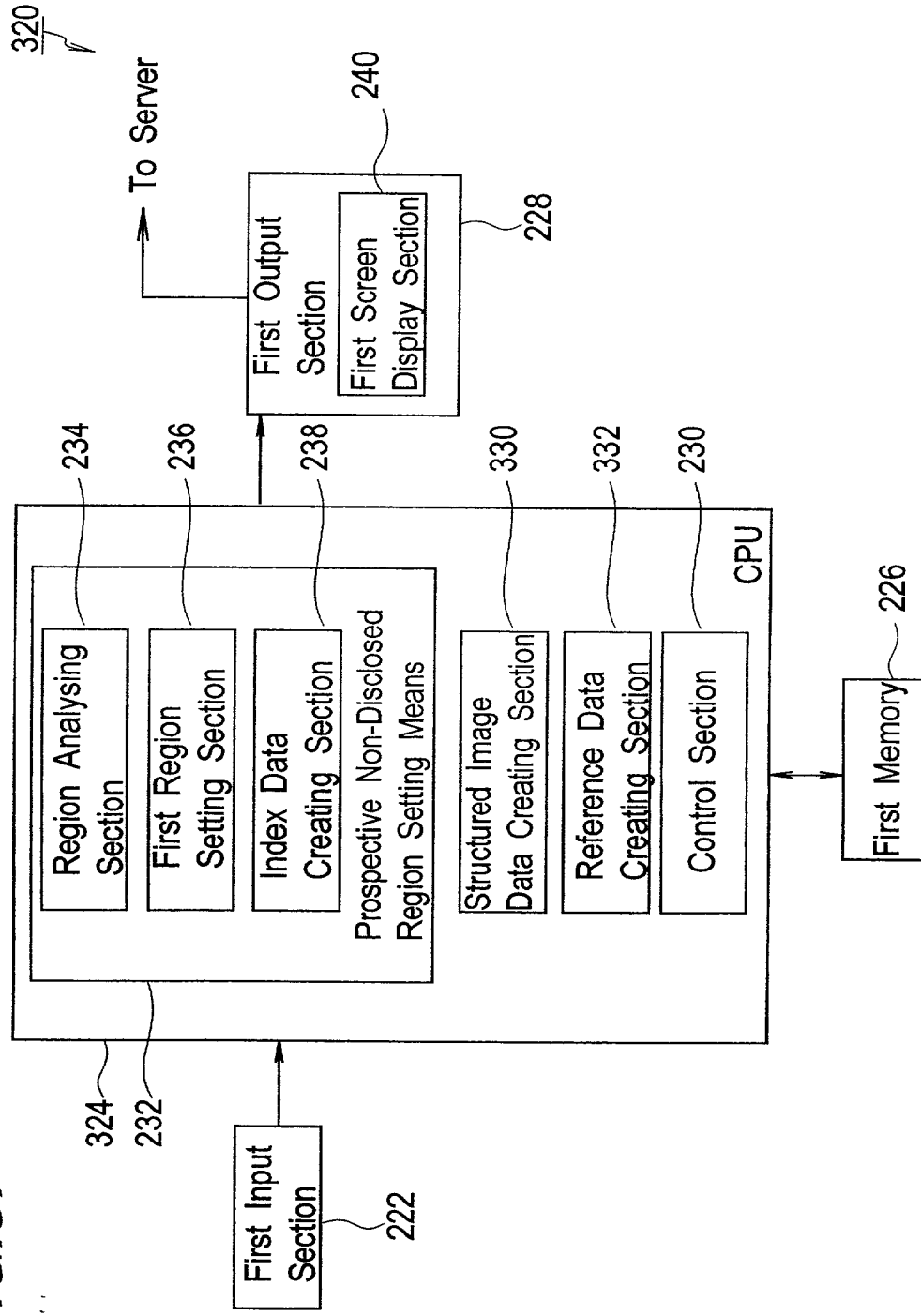


FIG. 38

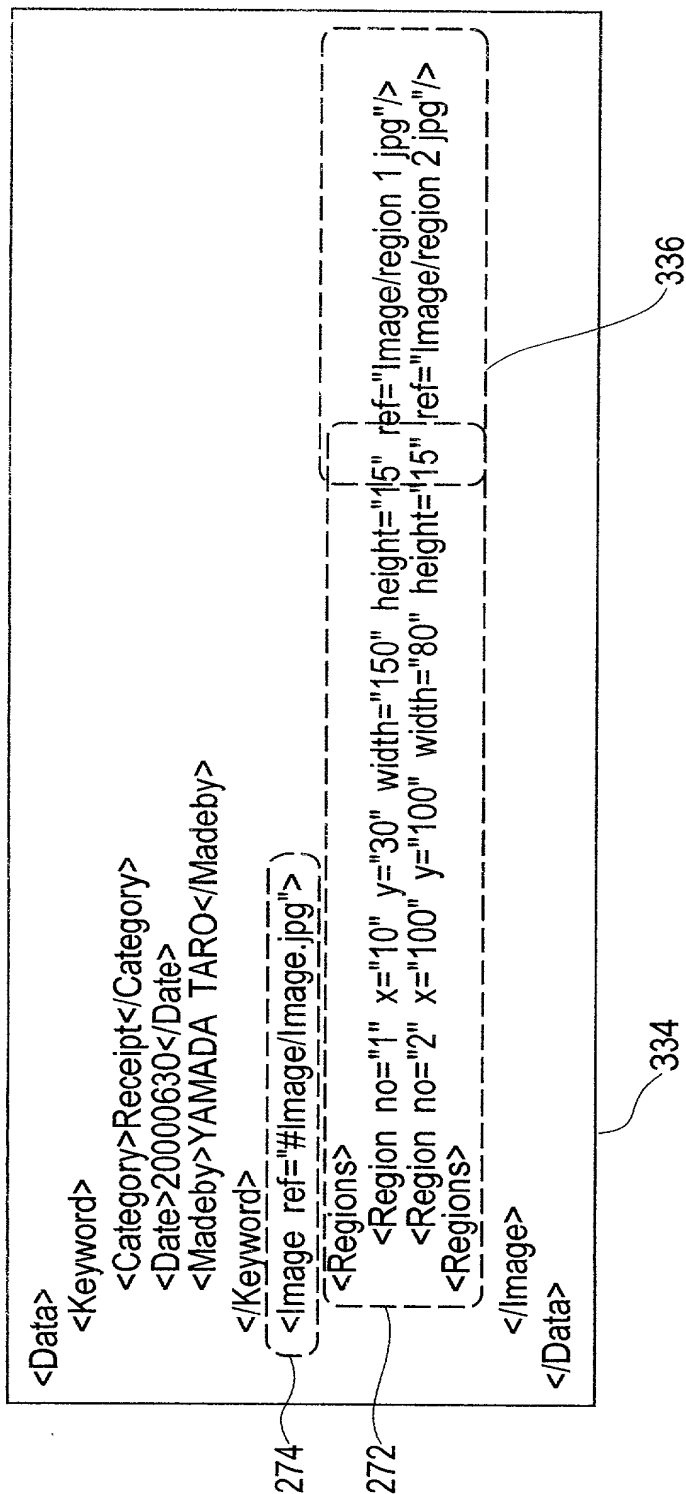


FIG. 39

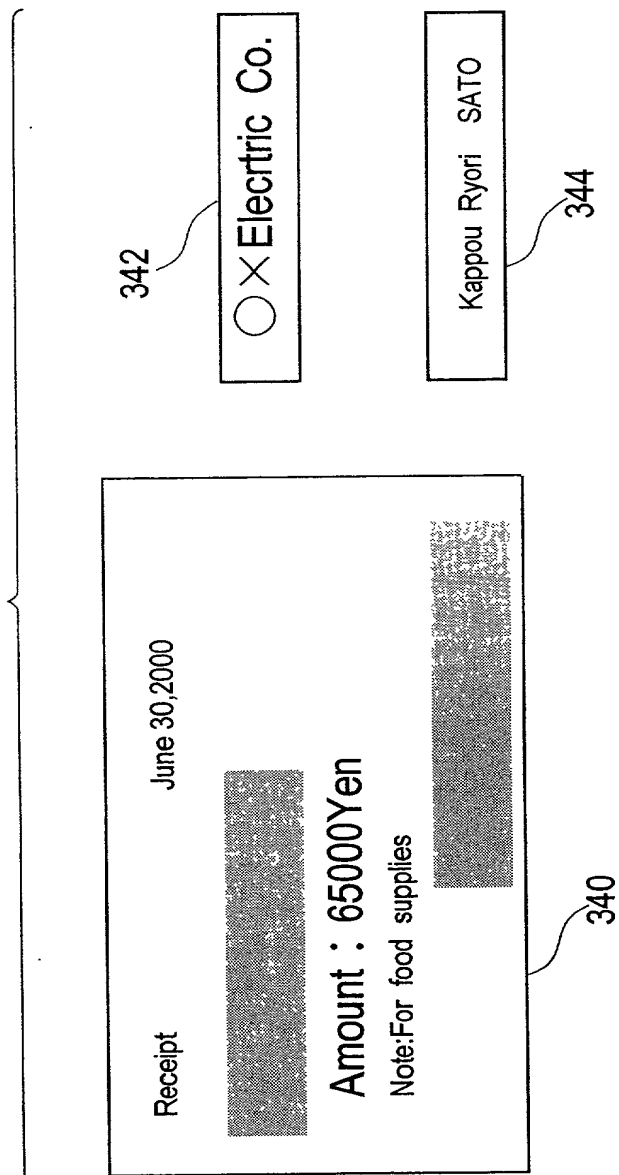
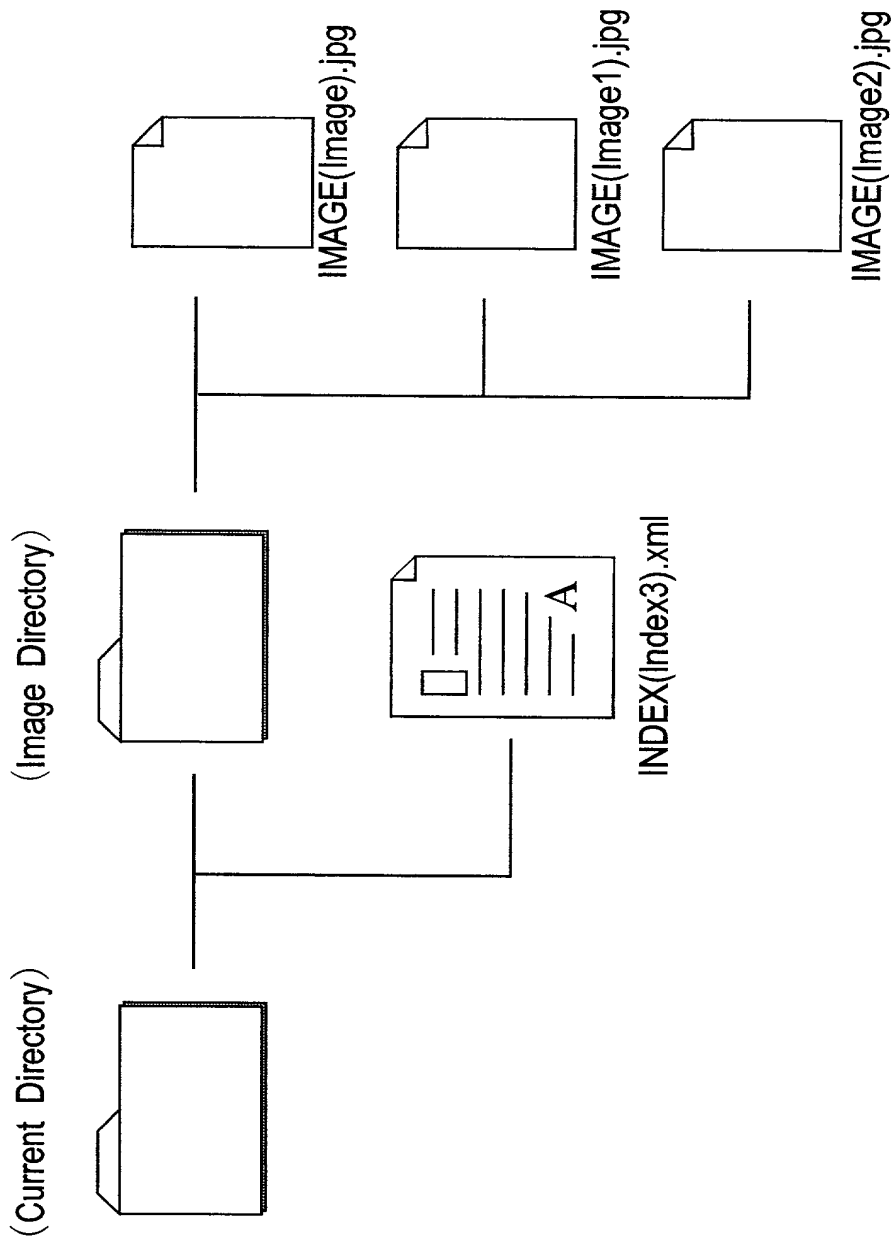


FIG. 40



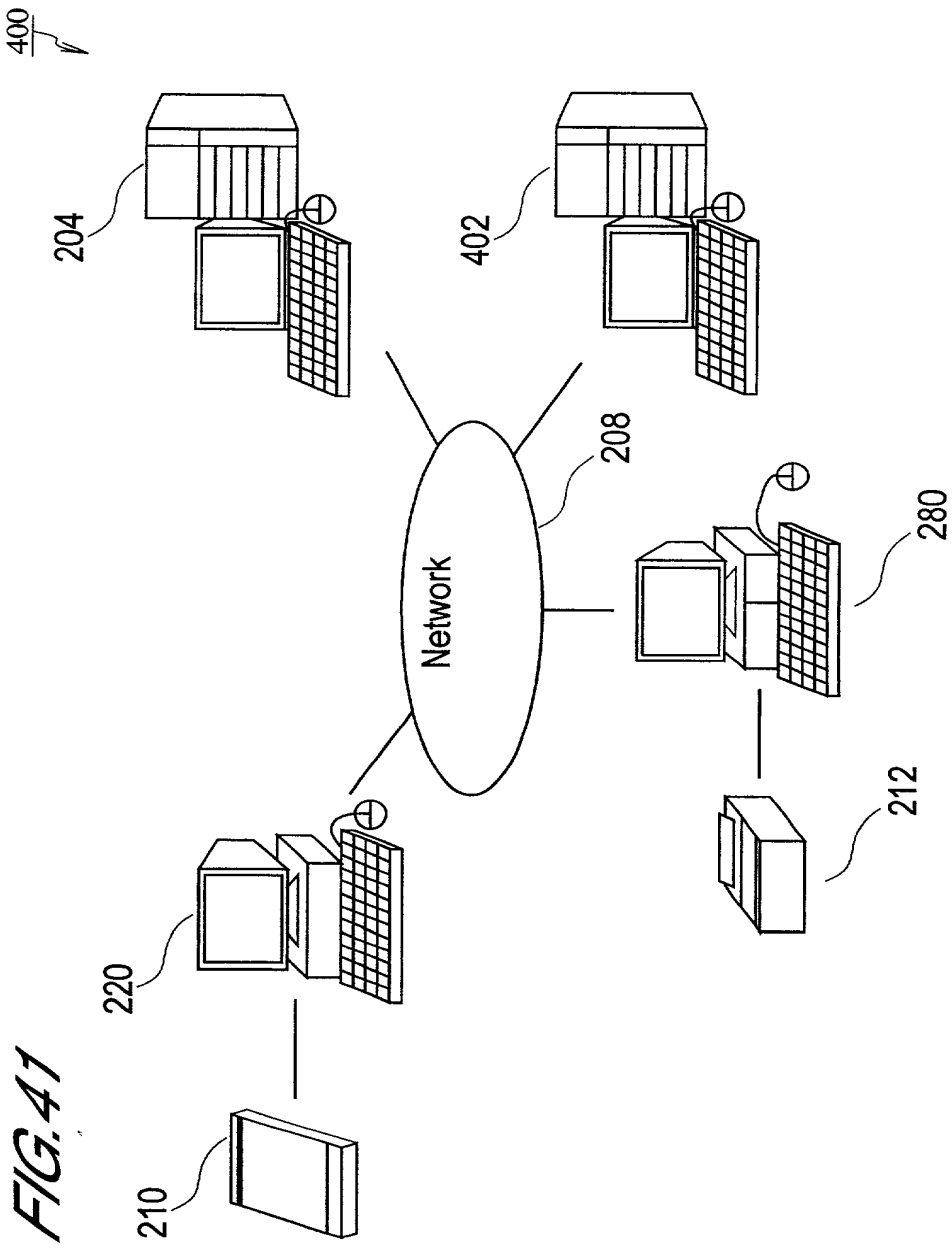


FIG. 42

```
<LEVEL__DATA>
  <Group Level="1" View="Display all">
    <List>Addressee</List>
    <List>Amount</List>
    <List>Date</List>
    <List>Title</List>
    <List>Proviso</List>
    <List>Issuing party</List>
  </Group>
  <Group Level="2" View="Display part">
    <List>Amount</List>
    <List>Date</List>
    <List>Title</List>
    <List>Proviso</List>
  </Group>
  <Group Level="3" View="Minimize display">
    <List>Title</List>
    <List>Proviso</List>
  </Group>
</LEVEL__DATA>
```

FIG. 43

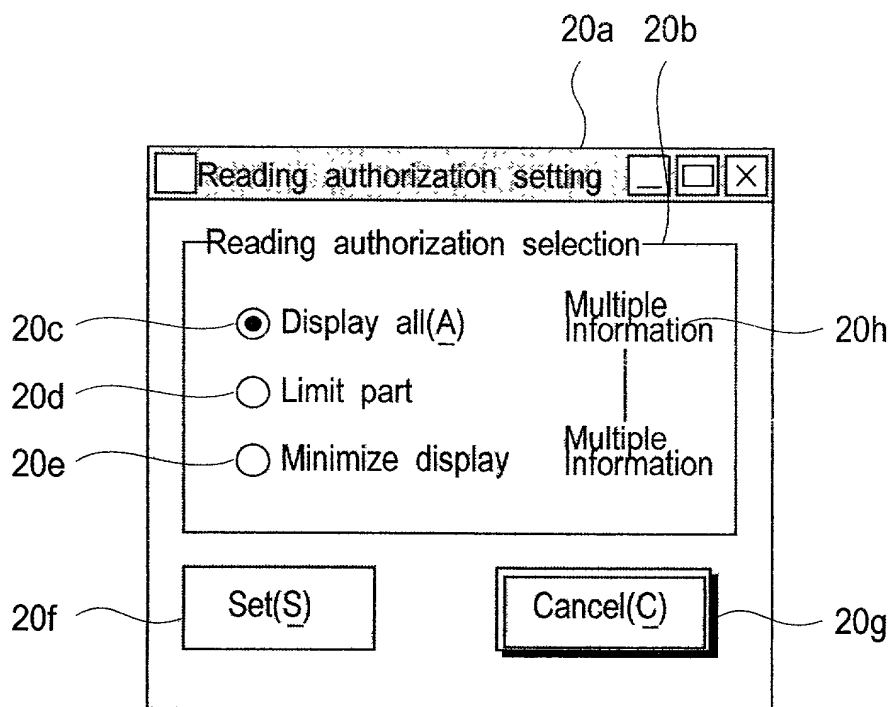


FIG. 44

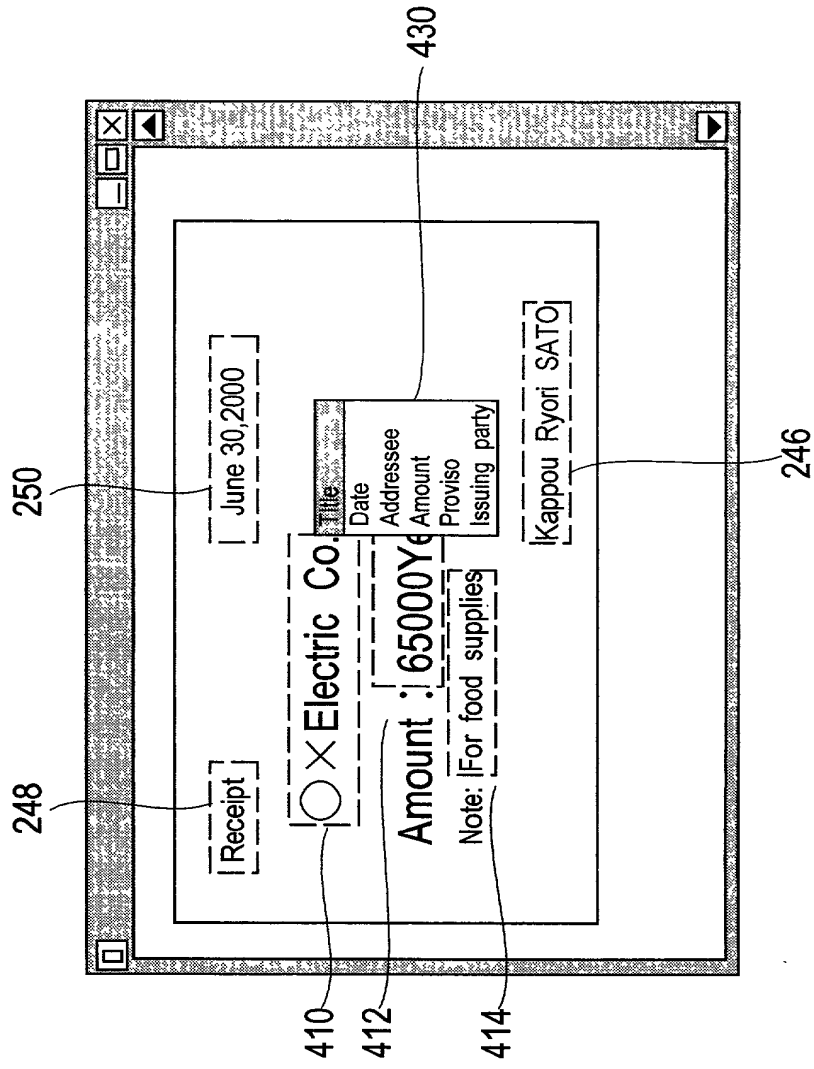


FIG. 45

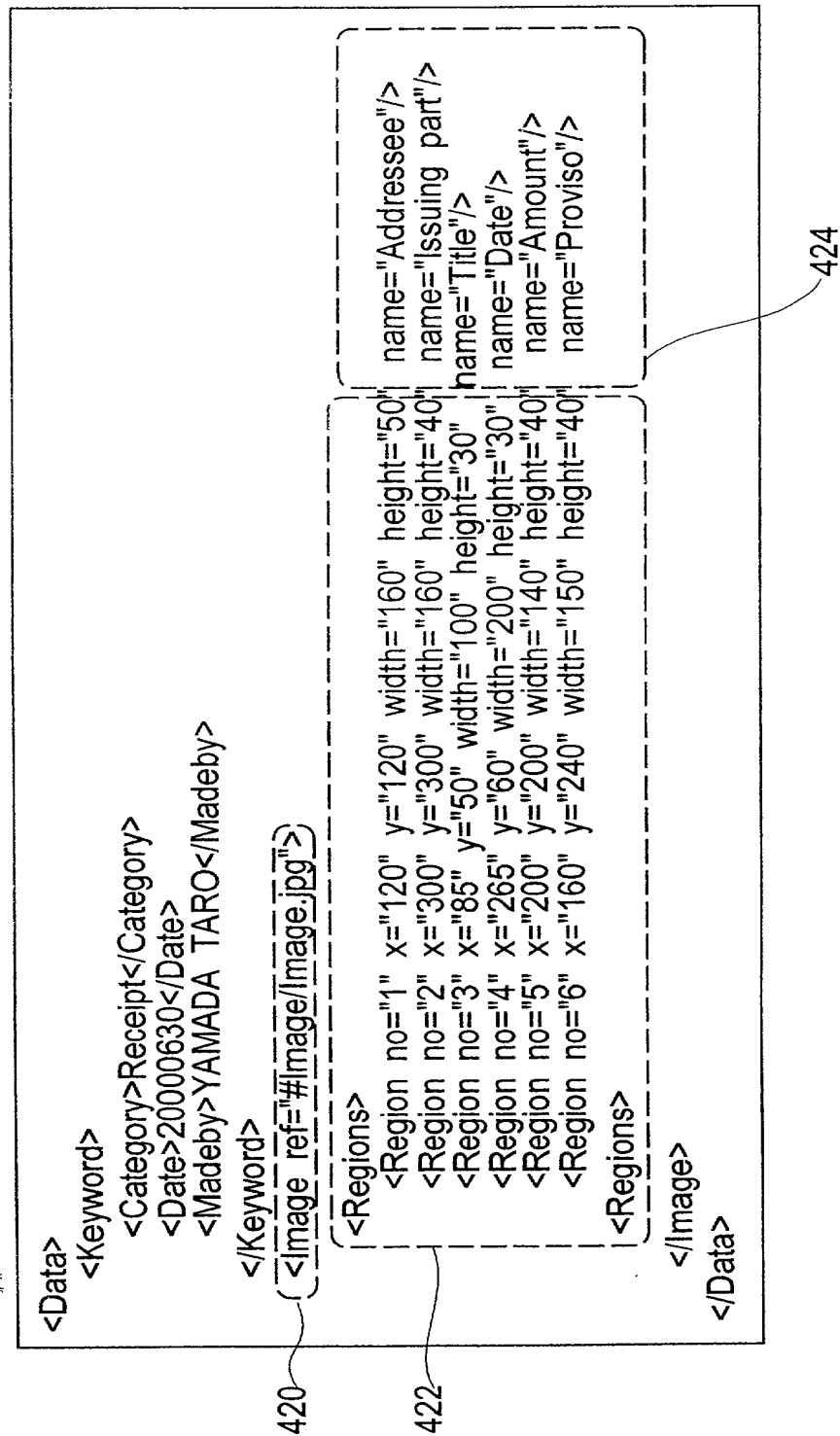


FIG. 46

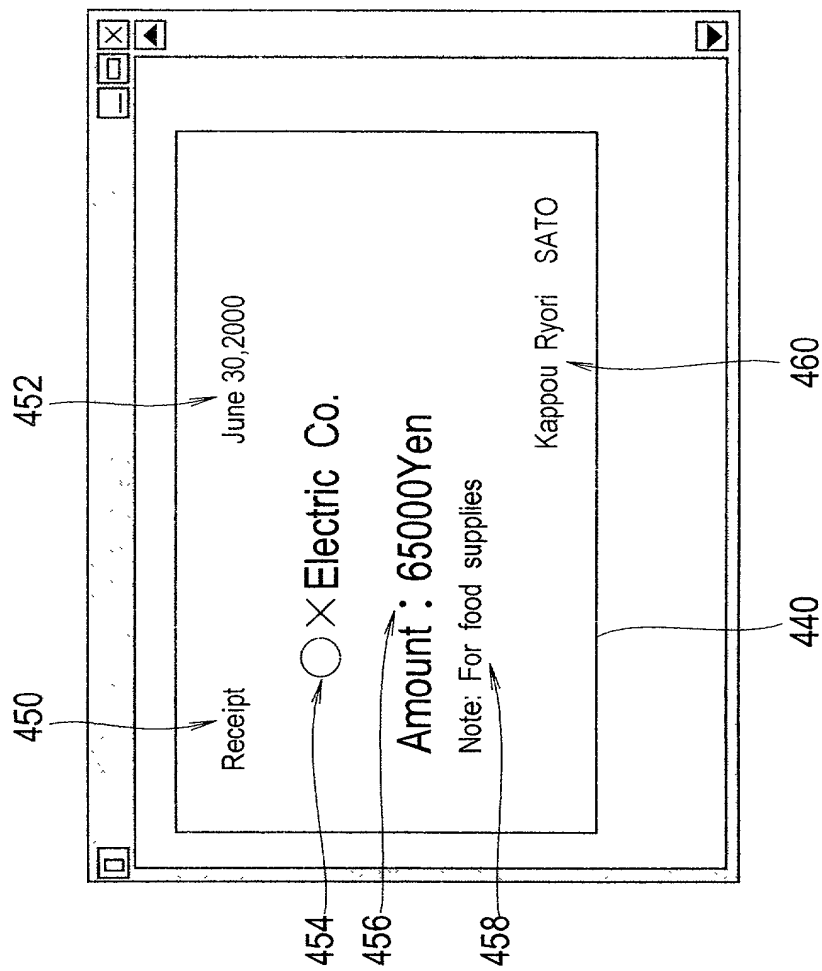


FIG. 47

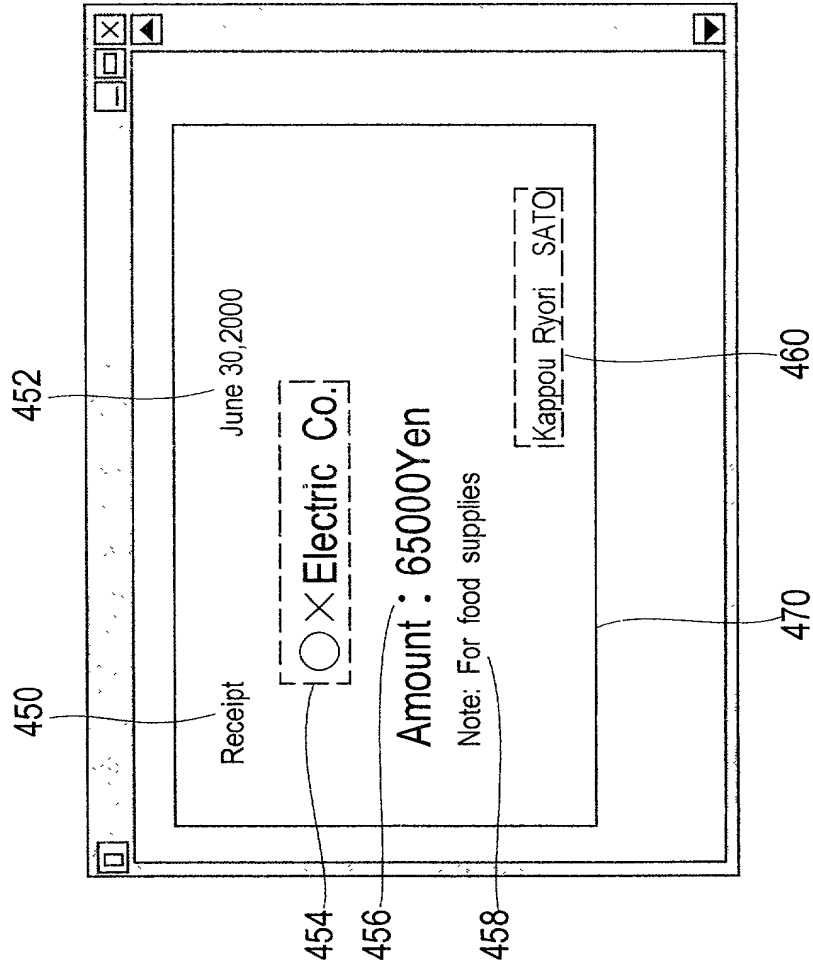


FIG. 48

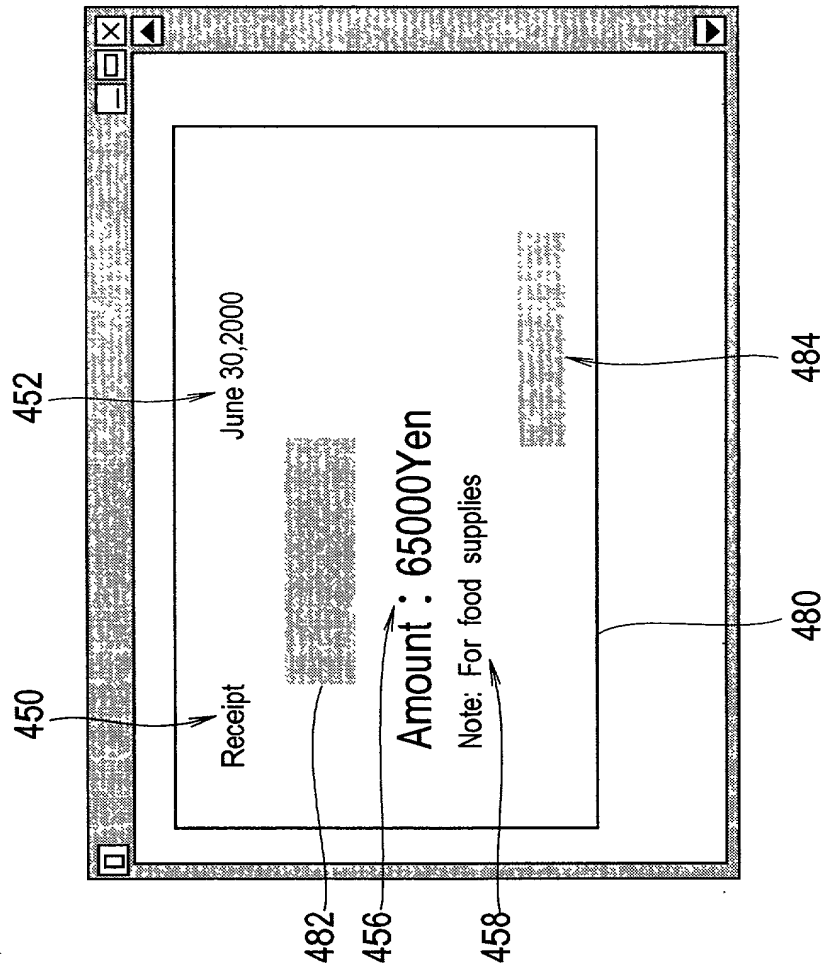


FIG. 49

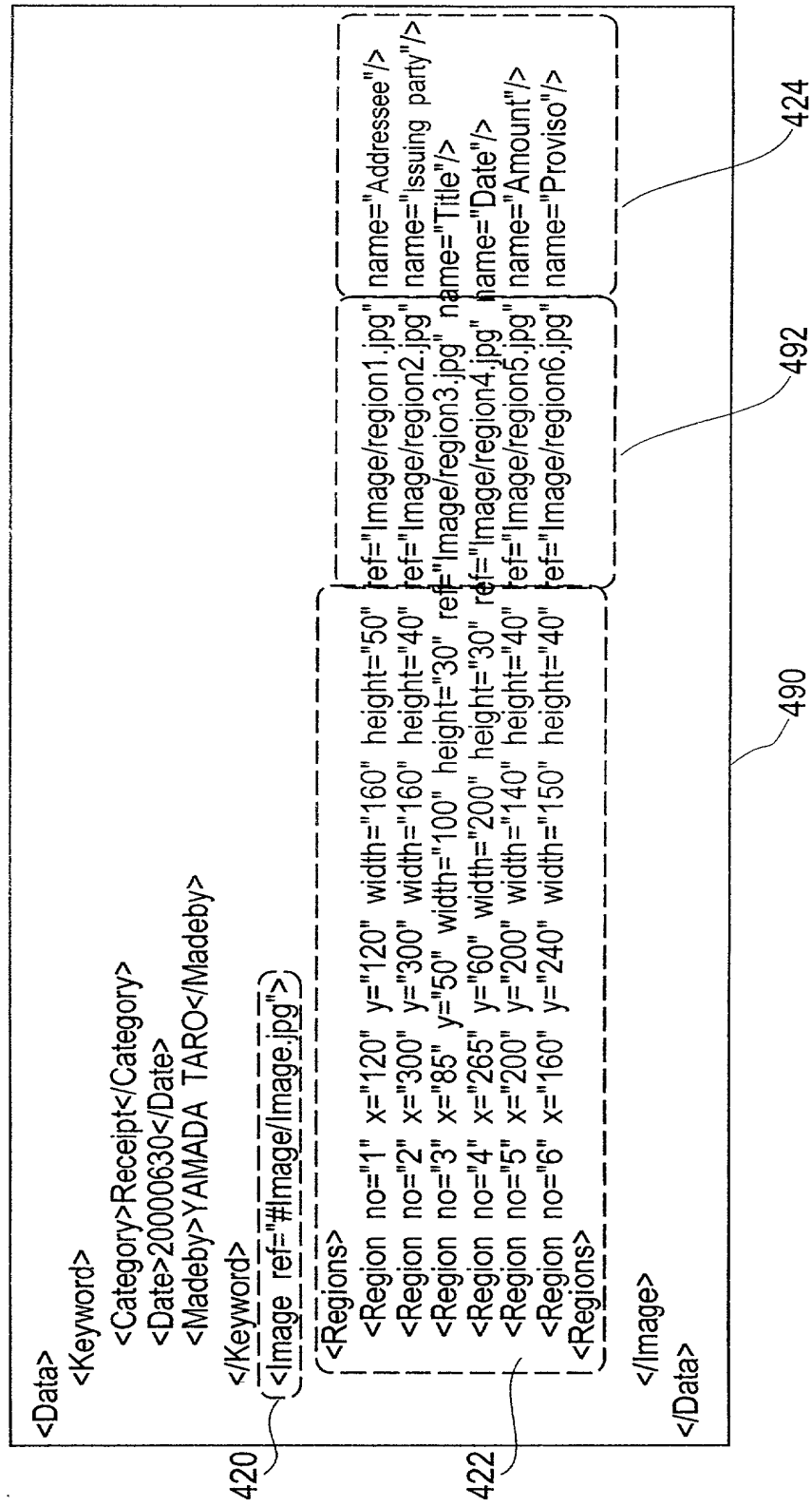
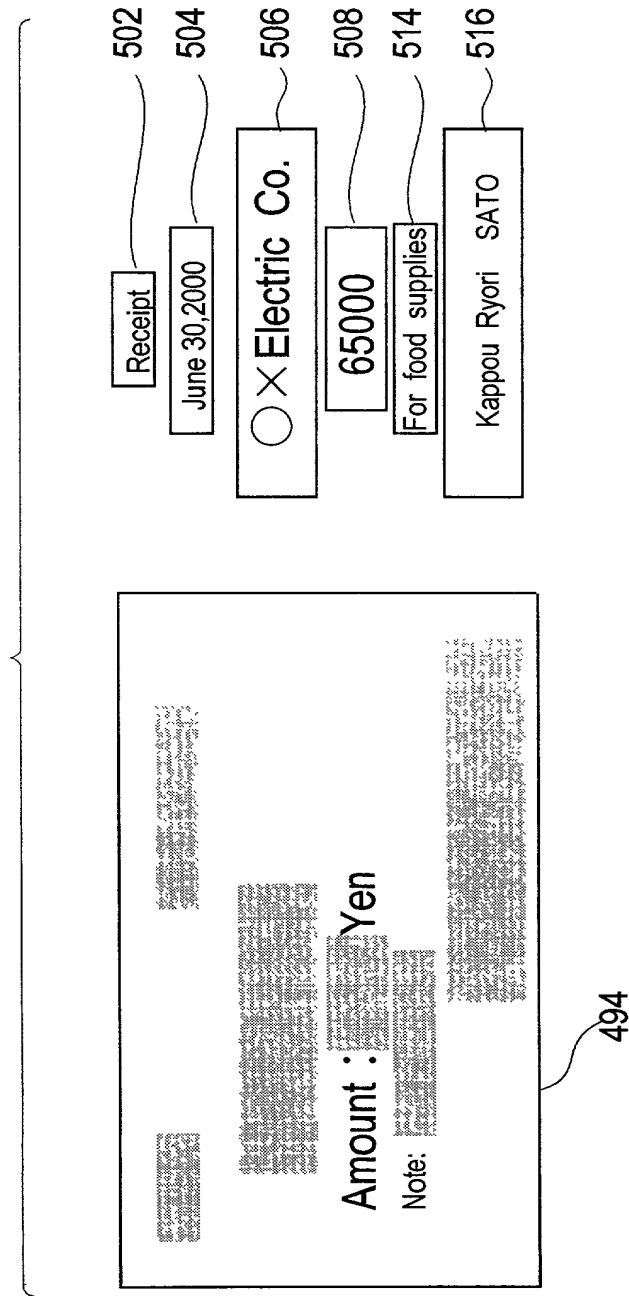


FIG. 50



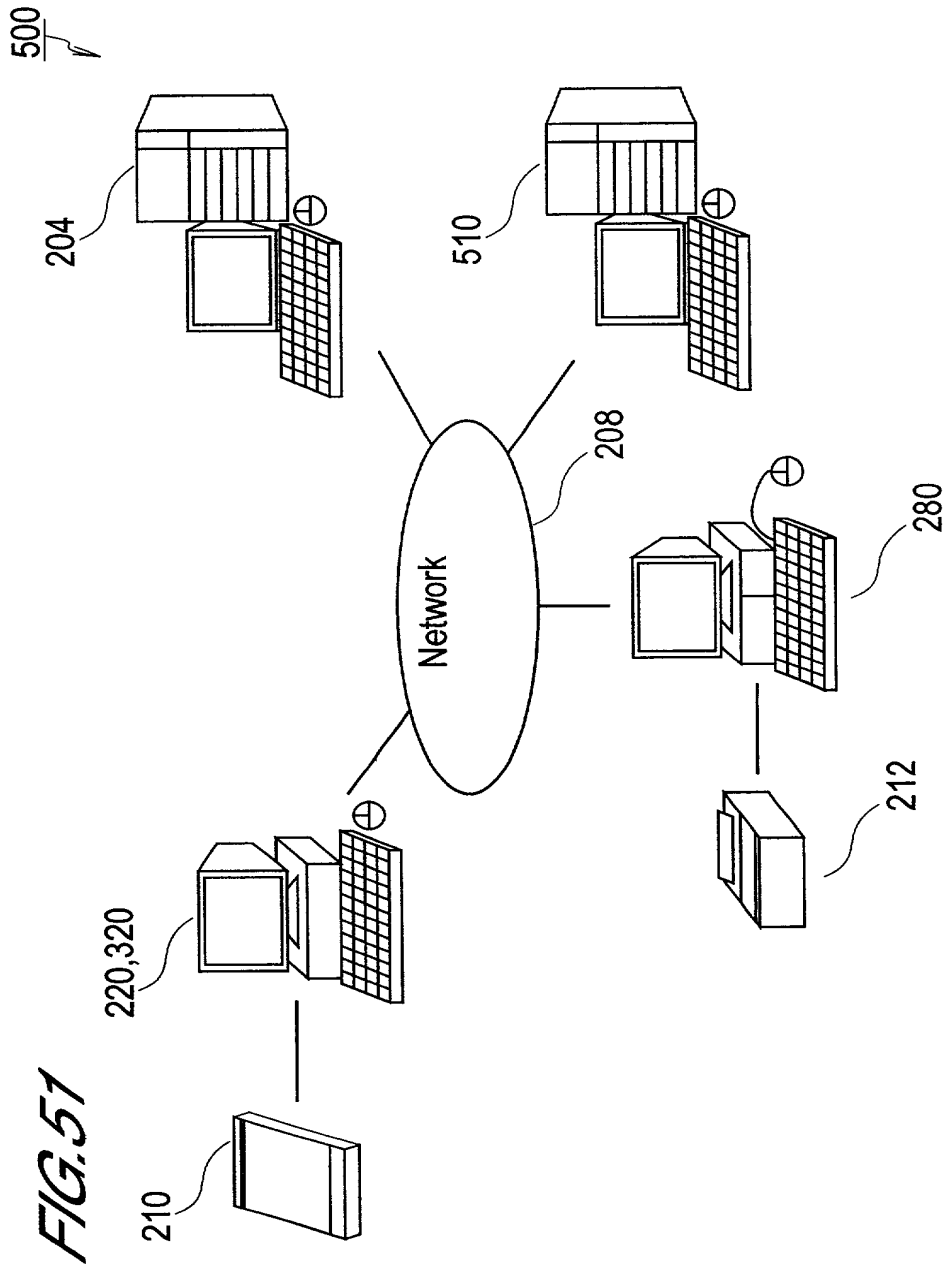


FIG. 52

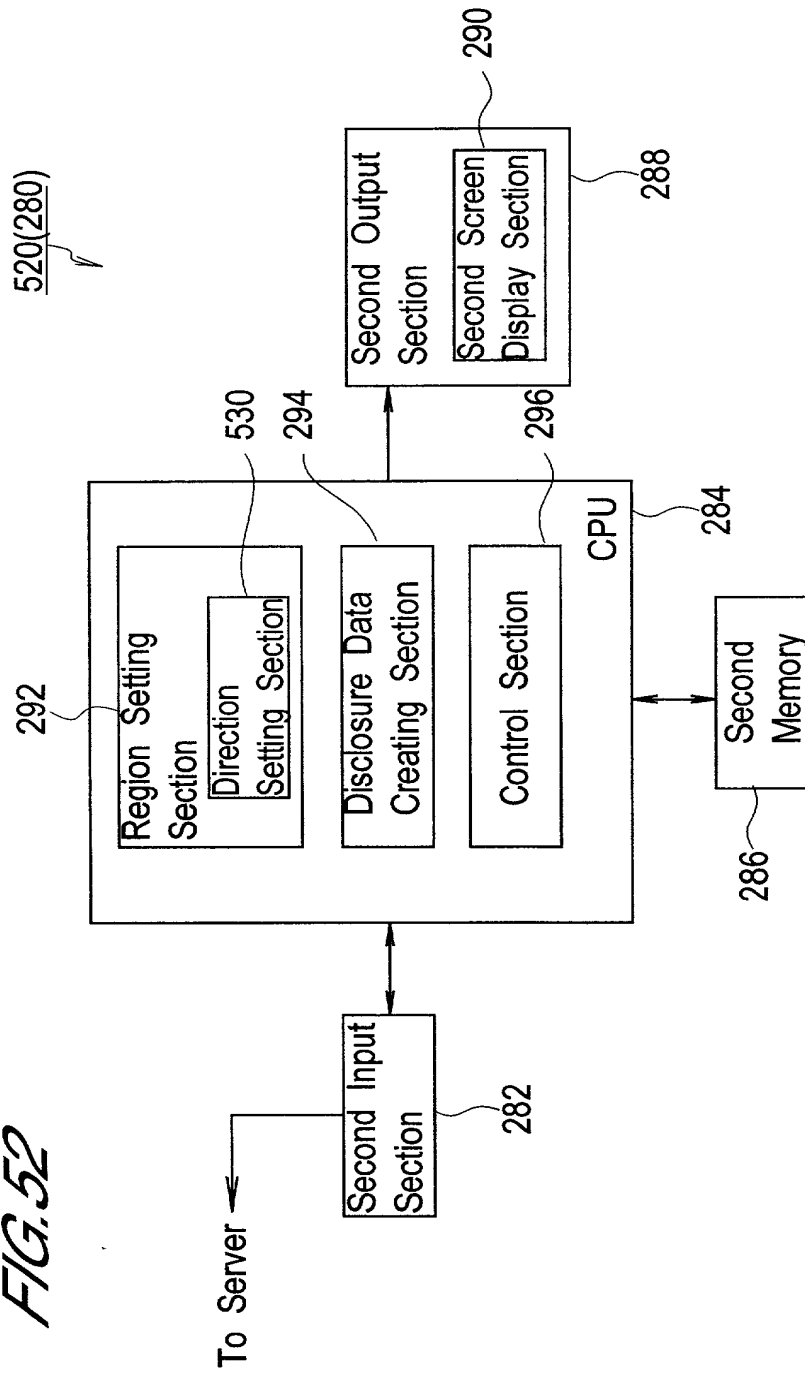


FIG. 53(A)

☐ Reading authorization setting ☐ ☐ X

Reading authorization Reader Reader department

Reading authorization selection

☒ Display all(A) ☐ Limit part ☐ Minimize display

Multiple Information Multiple Information

Set(S) Cancel(C)

FIG. 53(B)

☐ Reading authorization setting ☐ ☐ X

Reading authorization Reader Reader department

Please select name

YAMADA TARO
SATO HANAKO
SUZUKI ZIRO
MAINITI HAGEM
YOGOTO TUTOMU

Set(S) Cancel(C)

FIG. 53(C)

☐ Reading authorization setting ☐ ☐ X

Reading authorization Reader Reader department

Please select department

Information Department No.1
Information Department No.2
Administration
Accounts
Secretariat

Set(S) Cancel(C)

FIG.54

```
<VIEW__LINK>
  <Persons>
    <Person Level="3">YAMADA TARO</Person>
    <Person Level="3">SATO HANAKO</Person>
    <Person Level="1">SUZUKI ZIRO</Person>
    <Person Level="1">MAINITI HAGEMI</Person>
    <Person Level="2">YOGOTO TUTOMU</Person>
  </Persons>
  <Group>
    <Sections Level="3">Information Department No.1</Sections>
    <Sections Level="3">Information Department No.2</Sections>
    <Sections Level="2">Administration</Sections>
    <Sections Level="1">Accounts</Sections>
    <Sections Level="1">Secretariat</Sections>
  </Group>
</VIEW__LINK>
```

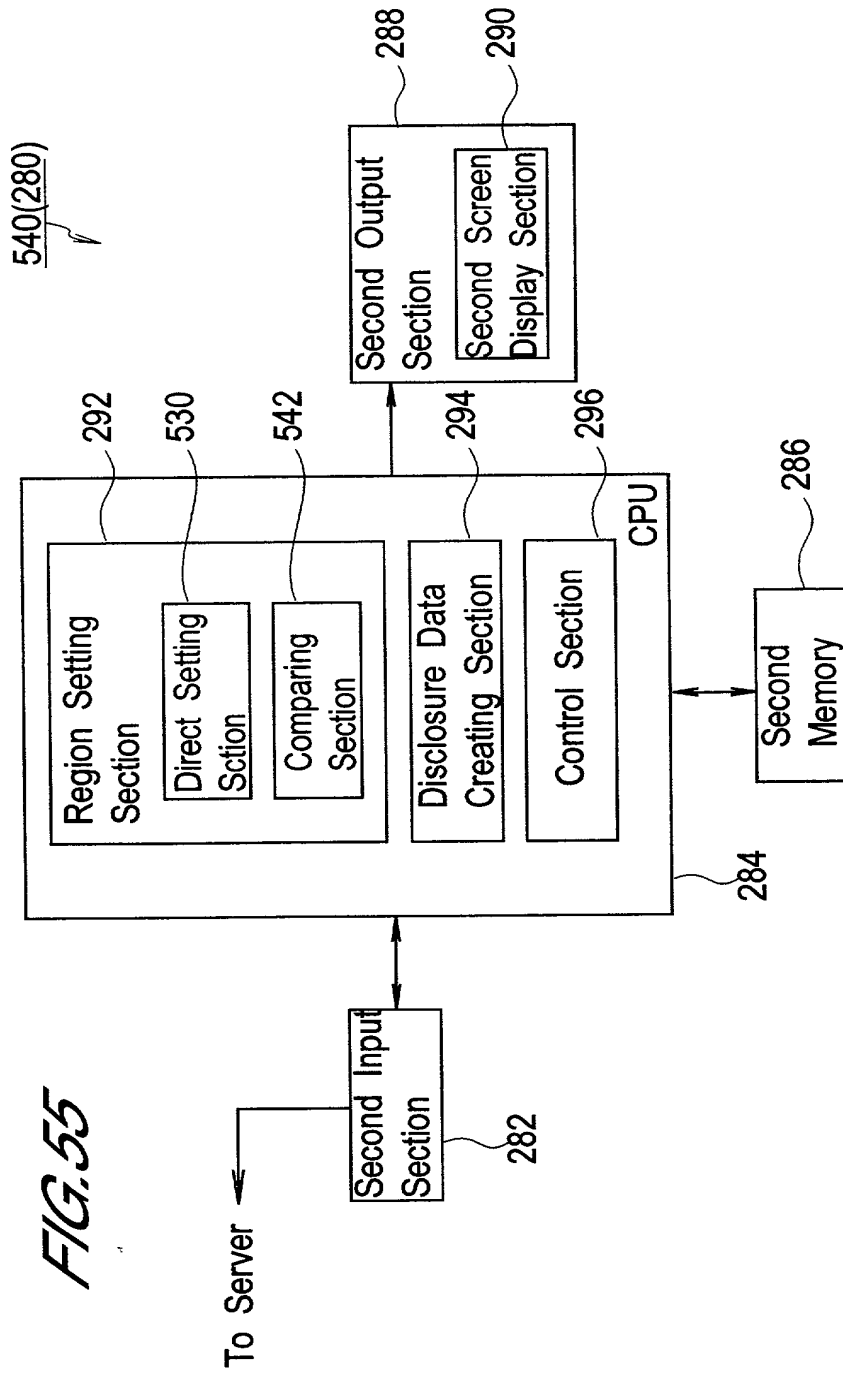


FIG. 56

```

<VIEW_LINK>
<Persons>
  <Person Level="3" Password="123456">YAMADA TARO</Person>
  <Person Level="3" Password="abcdef">SATO HANAKO</Person>
  <Person Level="1" Password="0a1b2c">SUZUKI ZIRO</Person>
  <Person Level="1" Password="tgbnhuyim">MAINITI HAGEM</Person>
  <Person Level="2" Password="aaaaa">YOGOTO TUTOMU</Person>
</Persons>
<Group>
  <Sections Level="3" Password="111111">Information Department No.1</Sections>
  <Sections Level="3" Password="987654">Information Department No.2</Sections>
  <Sections Level="2" Password="qazwsx">Administration</Sections>
  <Sections Level="1" Password="alb#c#d$">Accounts</Sections>
  <Sections Level="1" Password="zzzzzzz">Secretariat</Sections>
</Group>
<VIEW_LINK>

```

FIG. 57

Enter user name and password

User name(U)

Password(P)

OK Cancel